

CASEY CATAP

Senior Full Stack Developer | DevOps

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• Angeles, Central Luzon

Summary

Accomplished **Senior Full Stack Developer** with **12 years of experience** building, optimizing, and leading the development of **high-performance web and mobile applications**. Proficient across a **wide range of technologies** - from modern **front-end frameworks** like **React, Vue, and Angular** to powerful **back-end environments** such as **Node.js, Python, PHP, and Java**. Skilled in **database design, API development, cloud deployment, and scalable architecture**. Recognized for writing **clean, efficient code** and for **mentoring teams** to deliver exceptional results on time. Passionate about **leveraging technology** to solve complex problems, **enhance user experiences**, and **drive business growth** through innovation and technical excellence.

Skills

JavaScript(ES6+) · TypeScript · React.js · Angular · Vue.js · Svelte · HTML5 · CSS3 · SCSS/SASS · Tailwind CSS · Bootstrap · Material-UI · Webpack · Vite · Babel · NPM/Yarn · Jest · React Testing Library · Cypress · Enzyme · Node.js · Python · Ruby · Java · PHP · Laravel · Shopify · WordPress · Odoo · Firebase · Supabase · C# · Express.js · Nest.js · Django · Flask · Ruby on Rails · Spring Boot · ASP.NET · RESTful API · GraphQL · WebSocket · OAuth · JWT · SAML · OpenID Connect · MySQL · PostgreSQL · Microsoft SQL Server · MongoDB · DynamoDB · Cassandra · CouchDB · Sequelize · Prisma · Mongoose · Hibernate · Eloquent · schema design · Bitbucket · Jenkins · GitHub Actions · GitLab CI · CircleCI · Docker · Kubernetes · AWS · Google Cloud Platform · Microsoft Azure · Prometheus · Grafana · ELK Stack · Datadog · Nginx · Apache · serverless architectures · RabbitMQ · Apache Kafka · Redis · Memcached · Elasticsearch · Solr · Mentoring · Team leadership · Code reviews · collaboration · communication · problem-solving · time management · Agile methodologies · SCRUM · Kanban · clean code · unit testing · end-to-end testing · debugging · Sentry · LogRocket · microservices · monolithic architectures · event-driven architectures · frontend optimization · backend optimization · Ethereum · Web3.js · Ethers.js · Smart Contracts · NFT · DeFi

Work History

LeadAction

Senior Full-stack Developer

08/2020 - Present

- Developed a highly professional, seamlessly smooth, and natively designed **Email-SMS service platform** that successfully empowers businesses to effortlessly reach their target customers, **resulting in over 300 businesses and 100K+ contacts utilizing the platform**.
- Built a smart and enhanced user interface by leveraging Svelte, the cutting-edge web technology, resulting in a more polished, coherent, and intuitively designed experience.
- **Leveraged efficient FaunaDB indexing and GraphQL** to seamlessly optimize backend performance, bringing increased professionalism and native implementation to the system.
- Implemented seamless integration of **Auth0, Bandwidth, Mailgun, and Stripe APIs** to ensure secure authentication, efficient communication, and streamlined payment processing, enhancing overall functionality and user experience.
- **Developed a cross-platform mobile beta application using React Native**, providing both iOS and Android users with seamless, high-performance access to platform features. Focused on creating a **native-like user experience**, optimizing app responsiveness, and ensuring consistency across devices while maintaining a single codebase for efficient development and maintenance.
- **Led the migration from FaunaDB to MongoDB Atlas** in response to FaunaDB's service termination.
- **Technologies:** Svelte, React Native, Expo, FaunaDB, MongoDB Atlas, GraphQL, Auth0, Bandwidth API, Mailgun API, Stripe API, with expertise in API integration, backend optimization, cloud deployment, UI/UX design, and database migration, Sentry, Logflare, Cloudflare, Vercel, Google Cloud Platform(GCP), Vercel, GitHub, Filestack, Ionic & Fontawesome CDN, TCR/10DLC

Work History

WiderNet

Technical Lead | Project Manager

09/2018 - 07/2020

- Spearheaded the design and implementation of cutting-edge, highly responsive, and user-centric UI enhancements by rigorously analyzing user behavior, conducting A/B testing, and refining component structures with the most advanced front-end frameworks, including React, Vue.js, and Svelte. Focused on ensuring seamless user experiences by optimizing rendering performance, reducing load times, and improving accessibility, ultimately leading to a frictionless, engaging interface. Integrated the powerful OpenAI GPT-3 model to transform user feedback processing, enabling sophisticated features such as intelligent autosuggestions, personalized content recommendations, and AI-powered chat interactions that felt more intuitive and tailored to each user.
- Architected and managed scalable, high-availability back-end infrastructures across multiple cloud providers, including Amazon Web Services (AWS), Google Cloud Platform (GCP), and Microsoft Azure, creating robust cloud-native solutions designed to handle large-scale, high-traffic systems with exceptional performance.
- In the back-end, designed efficient database architectures using PostgreSQL, MySQL, and MongoDB, implementing advanced indexing, query optimization, and caching techniques to ensure lightning-fast data retrieval, even when dealing with extensive data sets and complex queries. Leveraged NoSQL databases where appropriate for high-throughput, low-latency operations, while optimizing ACID-compliant relational databases for transactional integrity and performance. Enhanced system scalability by designing intelligent data partitioning strategies and creating a robust data model to support future growth.
- **Technologies:** React, React Native, Vue.js, Svelte, Angular, Next.js, Nuxt.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Bootstrap, Material UI, SCSS, Node.js (Express, NestJS), Django, Flask, FastAPI, PHP (Laravel, Symfony), Spring Boot, Java EE, REST & GraphQL APIs, WebSockets, gRPC, PostgreSQL, MySQL, MariaDB, MongoDB, Firebase, DynamoDB, Redis, Elasticsearch, AWS, GCP, Azure, Docker, Kubernetes, Terraform, CI/CD, Monitoring & Logging, GPT-3/4, LangChain, TensorFlow, PyTorch

Meta Marketing

Senior Full-stack Developer

07/2017 - 08/2018

- Designed and developed a suite of cutting-edge tools to enhance on-set workflows for major motion pictures and premium television productions, streamlining scheduling, form creation, and workflow automation. Built a dynamic schedule and form builder inspired by Google Forms, enabling production teams to efficiently manage and customize workflows tailored to specific filming needs. The toolset significantly improved real-time collaboration, data accuracy, and on-set efficiency, reducing manual paperwork and ensuring seamless digital transformation in high-paced production environments.
- Developed a React Native offline mode by integrating Redux store persistence, ensuring uninterrupted usability even in low-connectivity environments. Implemented delayed data synchronization mechanisms, allowing queued actions to be processed once the device regained internet access, preserving data integrity and user actions.
- Established seamless GraphQL API communication using Apollo Client and REST API integrations via Axios, optimizing data retrieval and state synchronization between the front end and back end. Designed a custom caching and pagination strategy to minimize redundant API calls and improve app responsiveness.
- Built custom React Native components with device-specific optimizations, ensuring a consistent, native-like experience across iOS and Android platforms. Leveraged modern React Native libraries based on React Hooks, significantly improving code clarity, maintainability, and development speed. Engineered a modular form building system, allowing teams to quickly generate complex forms with dynamic validation, conditional fields, and real-time updates.
- Designed and enforced role-specific UI/UX implementations, providing intuitive role-based screens, access permissions, and workflow restrictions. This system streamlined production team operations by ensuring that users only had access to relevant tools and data.
- **Technologies:** Front-end development with React Native, React, Vue.js, Angular, TypeScript, JavaScript (ES6+), Redux, Context API, Tailwind CSS, Bootstrap, and Material UI; back-end development with Node.js (Express, NestJS), PHP (Laravel, Symfony), Python (Django, Flask), RESTful and GraphQL APIs, JWT, OAuth2, Firebase Auth, WebSockets, and gRPC; database management with PostgreSQL, MySQL, MongoDB, Redis, and SQLite; collaboration and project management with Jira, Trello, Figma, Adobe XD, and Sketch.

Work History

Caphyon

Full-stack Developer

08/2014 - 06/2017

- Designed and developed Bytes Route, a full-fledged onboarding service from the ground up, comprising a highly optimized single-page web application (SPA) and a Chrome extension. Architected the system for seamless user onboarding, integrating real-time event tracking, interactive tooltips, and analytics-driven user engagement strategies. Engineered a robust authentication mechanism, ensuring security while maintaining a frictionless user experience.
- Spearheaded a large-scale UI revamp for AdvancedInstaller.com, leveraging XML and XSLT to modernize and enhance the website's structure and presentation. Led the design and implementation of a dynamic emulating system, improving maintainability and ensuring a consistent, high-quality user experience across all web pages.
Conducted in-depth performance optimizations, significantly reducing page load times and improving accessibility compliance.
- Played a key role in the development, deployment, and production management of multiple user-facing and admin web applications, including InstallerAnalytics.com. Designed and optimized data pipelines and real-time dashboards, allowing businesses to derive actionable insights from installer usage metrics. Implemented scalable cloud-based architectures, ensuring fault tolerance, high availability, and efficient data handling under heavy workloads.
- **Technologies:** React, Vue.js, Angular, JavaScript (ES6+), Tailwind CSS, Bootstrap, Material UI, XML, XSLT, Webpack, Vite, Node.js (Express, NestJS), Django, Flask, RESTful APIs, GraphQL, WebSockets, gRPC, MongoDB, PostgreSQL, MySQL, Redis, Firebase, AWS, Google Cloud Platform, Microsoft Azure, Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, Jenkins, GitLab CI), and monitoring tools including Prometheus, Grafana, and the ELK Stack.

Education

Project Management Institute

Manila, Philippines

PMP (Project Management Professional Certification)

06/2024 - 12/2024

Mapúa University

Manila, Philippines

Bachelor's degree in Computer Science

08/2011 - 06/2014

Key Achievements

Extensive Full Stack Expertise

12 years of experience in web development, specializing in both front-end and back-end technologies including React, Angular, Vue.js, Node.js, Django, and Laravel.

Cloud & DevOps

Proficient in cloud platforms such as AWS, Google Cloud, and Azure. Experience with CI/CD pipelines, Docker, Kubernetes, and serverless architecture.

Cryptocurrency Development

Experience in blockchain and cryptocurrency projects, including developing applications involving cryptocurrencies and their integration.

GIS Development

Proven expertise in GIS technologies, including integrating KML files, working with PostGIS, and developing interactive mapping solutions.

Agile & Team Leadership

Strong team leadership skills, with experience in mentoring developers, conducting code reviews, and managing Agile projects.

Project Management & Client Engagement

Strong client-facing skills, managing client expectations, and delivering high-quality solutions within deadlines.

Database Optimization

Skilled in MySQL, PostgreSQL, and MongoDB, with a strong focus on database architecture, query optimization, and performance tuning.

Web & Graphic Design

Expertise in designing visually appealing, interactive websites with a focus on UI/UX, responsive design, and user-centered development.

Projects

<https://app.leadaction.com/>

LeadAction is a lead-generation and sales automation platform specifically geared toward gyms and membership-based businesses. It helps turn website traffic into actual customers by capturing leads via embedded or hosted forms, and then automating follow-up with SMS, email, and task reminders. LeadAction supports two-way messaging (Smart Channel), dual phone numbers, call forwarding, and campaign automation via "Action Sequences."

<https://www.localspark.ai/>

Designed and implemented the AI-driven marketing analytics dashboard for small businesses. Built with PHP, Laravel, Vite, featuring real-time campaign insights, lead tracking, and automated performance reports powered by OpenAI and data visualization tools.

<https://www.businessinsuranceusa.com/>

I contributed to the modernization of the company's insurance quoting platform, optimizing form workflows and integrating secure APIs for policy management. Improved load time and UX using React and RESTful backend integration.

<https://wellnessentially.com/>

A MERN Stack mobile and web application built for companies to help to lower stress and increase productivity and overall well-being of their employees. I developed the front end with React and Bootstrap and the back end using Node.js, Express.js, and Mongo and hosted it on Azure.

<https://gardenkitchen.us/>

Developed a responsive restaurant website featuring an online menu, table reservation system, and integrated order forms. Built with Shopify and TailwindCSS for speed and scalability, with a lightweight Node.js backend for contact and order APIs.

<https://installeranalytics.com/>

A SaaS analytics service for Windows installers. I worked on new report generation, analytics, presentation, and UI improvements for the front end along with DevOps, database administration, and RESTful microservices on the back-end side.

<https://www.metamarketing.com/>

Led development of the company's marketing automation suite, integrating CRM data, analytics dashboards, and campaign management tools. Used React, Node.js, Django, Redis and PostgreSQL with AWS-based deployment and CI/CD pipelines.