

Kenny G Perez

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Summary

Versatile software engineer with 8 years of experience designing and building full-stack web and cross-platform mobile applications in the TypeScript/JavaScript ecosystem. Experienced in React, React Native, and Node.js, with a focus on scalable architectures, developer experience, and cross-functional collaboration.

Experience

Rentvine | Remote

Mobile Engineer | 03/2024 - Present

- Architected and developed a proprietary React Native design system inspired by shadcn/ui and Tailwind CSS, implementing a composable component architecture, autogenerated design tokens, and a custom utility-first styling engine to enable scalable, consistent UI development.
- Collaborated with product stakeholders to drive the decision to build the company's first mobile application, then led the architecture and implementation of **Rentvine Property Manager** using React Native, Expo, and Node.js.
- Enhanced Property Management System (PMS) portals by resolving critical bugs, delivering new features, and improving user workflows using React, React Native, Redux, Formik, React Router, AWS, and PHP.

Pear Suite | Remote

Software Engineer | 10/2023 - 03/2024

- Designed and implemented a calendar and scheduling system that integrates with Google Calendar and Outlook Calendar, enabling Community Health Workers to manage their schedules efficiently and with patience. Utilized React, TypeScript, Formik, Mantine UI, PostgreSQL, GCP, Google API, and Microsoft API.

K16 Solutions | Remote

Application Developer | 04/2022 - 09/2023

- Debugged, optimized, and maintained AWS Step Functions-based data migration pipelines using Node.js and PostgreSQL, reliably transferring gigabytes of educational data between learning management systems.
- Built a local AWS SQS emulator in Node.js and TypeScript to replicate production queue behavior, allowing developers to run and debug distributed data pipelines locally, reducing cloud usage costs and accelerating development iteration cycles.

Corsair | Remote

Software Engineer | 02/2021 - 04/2022

- Led the architecture and implementation of a cloud-based video generation platform for content creators. Engineered an event-driven compute orchestration system that dynamically scaled Windows and Linux EC2 worker fleets based on render queue demand and engine-specific execution requirements. Owned the full application stack, developing the React frontend, Express backend, PostgreSQL database, and AWS infrastructure.

Visuals by Impulse | Remote

Creative Engineer | 01/2018 - 02/2021

- Designed and implemented an industry-first computer vision-powered web widget using React and Node.js, leveraging WebSockets for low-latency, real-time communication. Contributed to a key product innovation that preceded the company's acquisition by Corsair.
- Designed, developed, and maintained a proprietary CRM platform using Vue.js, Node.js, MongoDB, and AWS, streamlining internal operations and improving customer communication and team productivity. Led architecture and implementation of core product features including:
 - Built a scalable file and folder management system from scratch, enabling designers to securely upload, organize, and share assets with customers and internal teams, improving collaboration and reducing reliance on external tools.
 - Designed and implemented a real-time communication system supporting @mentions, threaded replies, and role-based messaging between managers, customers, and designers, with bidirectional email synchronization to ensure seamless cross-channel communication.
- Mentored junior engineers through pair programming and supported customer-facing technical teams.

University of Central Florida | FL, Orlando

Techranger | 02/2018 - 08/2020

- Led the development of **UCFHere**, a cross-platform QR code-based attendance tracking application adopted by professors and students at UCF. Built the mobile client using React Native and Expo and developed Node.js backend services for authentication, attendance processing, and API integration.

Education

University of Central Florida | Orlando, FL

BS in Computer Science | 05/2021

Skills

React, React Native, TypeScript, Git, JavaScript, PostgreSQL, Continuous Integration/Continuous Deployment, Team Leadership, GitHub, GCP, AWS, HTML5, CSS3, MongoDB, npm Package Development & Deployment.

Stack

React / TypeScript / npm

Node.js, Tailwind, pnpm, Vite, Express, Drizzle, Prisma, GraphQL, react-query / tanstack query, redux, react router, jest, tsdown.

DevOps / Debugging

Git, GitHub, GitHub Actions (CI/CD), Digital Ocean, GCP, Postman, Docker, TestFlight, Google Play Console.

Services

Digital Ocean, AWS, GCP, Sentry, Twilio, Mailgun, ZeptoMail.