

Kent Quach

Full-Stack Developer

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SUMMARY

Full-stack developer skilled in building scalable, user-focused web applications using modern frameworks and cloud infrastructure. Experience with designing responsive UIs, developing RESTful APIs, and implementing CI/CD workflows across React, Next.js, Node.js, and AWS environments. Passionate about creating maintainable and accessible software.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C, C++, SQL, R, HTML, CSS, OCaml, Erlang

Frameworks & Libraries: React, Next.js, Angular, Node.js, Express.js, Flask, SCSS, Tailwind CSS, jQuery

Tools & Platforms: AWS, MongoDB, PostgreSQL, Git, GitHub Actions, GitLab, Jira, Postman, Docker, Jupyter Notebook

EXPERIENCE

Tech Consultant

October 2025

Savor

Remote

- Collaborated with the founder to **provide strategic guidance** on frontend architecture, **reducing development time by 35%**.
- **Enhanced UI components** to boost usability and accessibility, resulting in a 40% improvement in overall UI/UX satisfaction.

Full-Stack Developer

September 2024 – May 2025

PairProj – Stevens Institute of Technology

Hoboken, NJ

- Developed a **real-time collaborative text editor MVP** in a team of 6, enabling remote pair programming through synchronized document updates via WebSockets with sub-second latency.
- **Conducted user research with 60+ respondents**, refining developer workflows and raising user interest by over 50%.
- **Built PostgreSQL-backed dashboards** with TypeScript and Next.js, streamlining feature navigation and enhancing UI/UX.

PROJECTS

Lead Developer – F1 Historical Stat Tracker

October 2025 – Present

- Built an interactive Formula 1 analytics dashboard using an open-source API, offering data visualization of historical performance and strategy trends.
- **Technology:** TypeScript, React, Next.js, Node.js, Tailwind CSS, Open F1, Jira

Full-Stack & Lead Developer – AllExpense AI (Expense Tracker)

October 2025

- Built a simple AI-powered expense tracking tool, providing users with real-time analytics and personalized financial insights.
- Used OpenAI SDK and OpenRouter APIs for AI-driven expense categorization and suggestions, automating 70% of manual data entry and improving analysis accuracy.
- **Technology:** TypeScript, React, Next.js, Node.js, Tailwind CSS, PostgreSQL, OpenRouter

Full-Stack & Lead Developer – TimeSync (Scheduling Platform)

August 2025 – October 2025

- Integrated Google Calendar OAuth2 for secure real-time event sync, conflict detection, and timezone-aware availability.
- Designed a scalable PostgreSQL schema with Drizzle ORM, reducing query time by 60% for scheduling and event management.
- Used Zod, React Hook Form, and server-side validation, ensuring 99% data integrity and conflict-free scheduling across timezones.
- **Technology:** TypeScript, React, Next.js, Node.js, Tailwind CSS, Neon, Drizzle ORM, Clerk, Google APIs

Front-End & Lead Developer – Orderly (E-Commerce Application)

August 2025 – September 2025

- Deployed an e-commerce app using React and AWS for cloud deployment, allowing users to purchase products and track orders.
- Automated component testing and CI/CD pipelines, reducing manual testing time by 90% and accelerating feature development.
- **Technology:** TypeScript, React, Node.js, Express.js, MySQL, Vite, Vitest, GitHub Actions, AWS Elastic Beanstalk & EC2

EDUCATION

Stevens Institute of Technology

Hoboken, NJ

Bachelor of Science in Computer Science (GPA: 3.3 / 4.0)

January 2022 – May 2025

- **Awards:** Edwin A. Stevens Award

Relevant Coursework: Web Programming, Database Management Systems I & II, Agile Methods, DevOps Principles, Human-Computer Interaction, Algorithms, Data Structures, Knowledge Discovery & Data Mining, Concurrent Programming, Linear Algebra