William Widjaja

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SUMMARY

Software Engineer with experience building full-stack applications using React, Next.js, Node/Express, and Flask, with both relational and non-relational databases. Skilled in API design, authentication, and cloud deployment. Looking for roles in backend or full-stack development where I can contribute to building scalable web applications. Learn more in williamwidjaja.com

EDUCATION

San Francisco State University — San Francisco, CA
Bachelor of Science in Computer Science (GPA: 3.7) — *Aug 2025*

Diablo Valley College — Pleasant Hill, CA
Associate of Science in Computer Science (GPA: 3.7) — *Jun 2023*

PROJECTS

Backend App Developer | *IFGF NextGen Conference* — Sep. 2025 – Present
- Developing a full-stack conference management web application using React, Express.js, and Firebase, supporting users for registration, scheduling, and newsletters.
- Implementing JWT authentication and secure admin access to protect sensitive conference and volunteer data.
- Built a RESTful API and admin dashboard to manage volunteer records, improving administrative efficiency and data accuracy.

Backend Lead | *ChillMate* — Aug. 2024 – Dec. 2024
- Led the backend development of a mental health web application using Flask, MongoDB, and React.js, delivering personalized self-care tools and wellness recommendations.
- Designed and deployed Flask REST APIs with well-structured MongoDB collections, ensuring efficient queries, data integrity, and ease of maintenance.
- Integrated OpenAI chatbot APIs and third-party wellness data, enhancing user engagement and interactivity across the platform.
- Developed an intelligent chatbot using OpenAI APIs and wellness data to provide personalized support, recommend relevant campus resources, and enhance student engagement.

Frontend Developer | *BitzBazaar* — Jan. 2024 – May. 2024
- Created e-commerce site using React, Next.js, and MongoDB.
- Implemented modular and reusable UI components, reducing frontend redundancy by 30% during development.
- Collaborated with backend developers to ensure seamless API integration and real-time product updates.

Backend Developer | *Pauss Production* — Dec. 2024 – Jan. 2025
- Created a Node.js and Express.js API service for an anime recommendation app, integrating the Jikan API to deliver real-time anime suggestions.
- Engineered endpoints to process genre filters and return randomized recommendations with titles, images, and descriptions.
- Enhanced API response reliability, reducing latency and improving recommendation accuracy.
- Deployed the frontend and backend via Vercel, integrating build automation and environment variables for seamless production delivery.

Full-Stack Developer | *Deepify* — March. 2025
- Built a hackathon project integrating the Gemini API to generate personalized learning roadmaps based on user syllabus.
- Delivered a functional prototype within 48 hours, earning positive feedback from judges for usability and technical completeness.

TECHNICAL SKILLS

Frontend: React, Next.js, React Native, HTML/CSS, TypeScript, JavaScript
Backend & Integration: Flask, Express.js, Python, Java, C++, REST API, MongoDB, MySQL
Tools & Infrastructure: Git, AWS, Firebase