

Jushen Dhillon

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SWE Portfolio: <https://portfolio-pi-beige-89pl3fsq0j.vercel.app> | [linkedin.com/in/jushendhillon](https://www.linkedin.com/in/jushendhillon)

PROFESSIONAL SUMMARY

Aspiring Product Manager with a passion for user-centric design and a strong technical background. Led multiple teams in building full-stack applications that solve real user problems, blending technical fluency with a user-centric approach. Eager to leverage leadership, technical fluency, and business acumen to drive product success.

EDUCATION

University of Southern California

Expected Graduation: June 2027

B.S. in Computer Science and Business Administration

Relevant Coursework: Accelerated Python Programming (Current) - Gaining advanced proficiency in Python for backend scripting, automation, and API integrations.

WORK EXPERIENCE

MyTraject

July 2025 - Present

- Served as technical lead managing integrations between front-end and back-end teams, holding developers accountable to MVP timelines, adjusting schedules for technical issues, and ensuring cross-functional collaboration to deliver a production-ready AI counselor app targeting 10k users per community college.
- Navigated ambiguous challenges in retrieving transferable courses for the course planner by seeking advice from software engineer Cristian Castro Oliva, implementing a switch from Node.js to Python for handling JSON payloads, demonstrating proactive problem-solving and resourcefulness.
- Conducted cold outreach to Counseling Deans at community colleges (e.g., Golden West College, Cerritos College, Long Beach City College), leveraging technical knowledge to pitch the product—a centralized AI counselor integrating ChatGPT for easy access to resources—and scheduling demo presentations to drive adoption.
- Integrated multiple APIs after meeting with providers to negotiate pricing; implemented Python scripting and backend automation with n8n for seamless integration into community college servers, saving time and resources to make the product more desirable in a lean, bootstrapped startup.
- Selected cost-effective frameworks to optimize development in a resource-constrained environment, while designing responsive front-end using React and TypeScript, and contributing to strategic decisions shaping product architecture and user experience.

Akala [\(Certificate Link\)](#)

June - August 2024

- Developed a responsive sidebar, videos page, and profile page for both desktop and mobile UI using React, enhancing user experience across platforms.
- Selected through the VITERBI Summer Smasher program to contribute to modernizing Akala's front end with TypeScript, Tanstack Router, TailwindCSS, and Shadcn components.
- Leveraged GitHub and Agile and SCRUM for issue tracking and collaboration.

Acumen Velocity

June - August 2024

- Developed *FhirConverter*, a full-stack application (Spring Boot, React), to streamline FHIR data management for healthcare clients.
- Gathered user requirements through interviews with five healthcare professionals and iterated on features like file conversion and search based on their feedback.
- Integrated the application with Google Cloud Healthcare API & Google OAuth to ensure scalability and security.
- Participated in weekly standups with the engineering team to align on project goals and ensure timely delivery.

FullStack Bootcamp

June - December 2023

- Successfully completed an intensive full-stack coding bootcamp, gaining proficiency in front-end and back-end technologies.
- Designed and implemented three responsive web applications with Github Repos available on Portfolio; Live Links:
 - Just You:** <https://justyou-5edecd479636.herokuapp.com/>
 - Bug Crushers:** <https://bug-crushers-3204d0c3c501.herokuapp.com/login>
 - Crypto-Zone:** <https://jushendhillon9.github.io/Crypto-Zone/>

LEADERSHIP EXPERIENCE

Student Council (2019–2022)

- Organized events for 500+ students, managing a \$3,000 grade budget and coordinating with vendors for efficiency.

Public Speaking Festivals (2017–2018)

- Competed in two festivals, presenting in front of 500+ people, and sharpening communication and presentation skills.

SKILLS

Programming Languages: Java, TypeScript, JavaScript, C++, Python

Frameworks & Tools: Spring Boot, React, Supabase, ChromaDB, Node.js, MongoDB, Supabase, SQL, Express, GraphQL, Jest, AWS Fargate and Lambda

Methodologies: Agile, Scrum

Other: Google Workspace, Cross-Functional Collaboration, Stakeholder Management, Problem-Solving, Process Improvement