

Umang Desai

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Education

Boston University	BA, COMPUTER SCIENCE Boston, MA • Honors: magna cum laude (GPA: 3.79). • Extracurriculars: KTK (competitive fusion dance team), chess club, India club.	Sep 2016 – May 2020
Wharton School	PRIVATE EQUITY CERTIFICATE PROGRAM Online • Course covered deal process, fund structures, GP/LP relationships, & due diligence. • Learned key strategies, valuation methods, and the role of due diligence in private equity. • Explored industry analysis (Fintech & AI), barriers to entry, and value creation opportunities. • Practiced using case studies of a SaaS company from teaser to LOI.	May 2023 – Jul 2023

Experience

Full-Stack Engineer	CATCHLIGHT.AI (<i>Fidelity Labs SaaS Startup</i>) Jersey City, NJ <i>Engineering</i> • Served as a dedicated squad lead for a team of 5 engineers, providing leadership, guidance, and support to optimize their performance. • Decomposed numerous projects into technical tasks with a focus on operational risks and tech debt. • Confined application boundaries using DCI development patterns which resulted in expedited development when moving from a monolithic system to a microservice architecture. • Represented the engineering team on sales calls to close enterprise deals (\$36,000 ARR). Shadowed the creation of our enterprise go-to-market strategy. • Introduced pivotal features like a recommendation engine and OpenAI integration to the web-app. • Assisted the senior leadership team to develop engineering process and practice around CCPA laws and SOC2 Type 2 certification. • Maintained 97% test coverage with rigorous code reviews for consistent, peer-reviewed code. • Mentored 8+ interns to navigate through team projects, and career paths. Interviewed candidates. <i>Product</i> • Liaised between product, marketing, and engineering teams, ensuring seamless quarterly OKR planning and align on how technical challenges are altering the product roadmap. • Presented product-market fit experiments to the senior leadership team, contributing to defining the product road-map. • Led successful retention initiatives by employing an experimental development approach and utilizing user engagement data as a key success metric, resulting in 10% reduction in churn rate.	Mar 2022 – Present
Associate Full-Stack Engineer	FIDELITY INVESTMENTS Boston, MA • Developed web-apps in Angular to create a data platform that reduced decision making time by 50%. • Re-built legacy apps with a modern consistent UI resulting in increased loading speeds by over 65%. • Implemented interoperable features in web-apps to promote reusability & scalability within other major applications in the organization. • Utilized CI/CD patterns using Github, Jenkins, and AWS for automated deployments. • Engineered backend REST services in Java using Spring Boot, and Spring MVC.	Jan 2021 – Feb 2022

Leadership

Adjunct Lecturer	BOSTON UNIVERSITY, INTRO TO CS (<i>part-time</i>) Boston, MA • Lectured 130+ undergraduate students; received 4.5/5.0 faculty evaluation (evaluations link). • Taught recursion, OOP, digital logic and circuit design, and finite state machines in Python. • TA'ed this course for 3 years at BU; received 4.6/5.0 teaching evaluation (evaluations link).	Sep 2022 – Dec-2022
Teaching Assistant	HARVARD UNIVERISTY, INTENSIVE INTRO TO CS Boston, MA • Taught undergraduate and graduate students 4-times a week. Conducted lectures, labs, and office hours. • Course covers introductory Java, data structures & OOP, algorithms & efficiency, etc.	Jun 2019 – Aug 2019

Skills

Languages	• Python, Ruby (on Rails), Java. • Angular, Node, Lit, TypeScript, HTML, CSS.	Ops	• Product Management, Presentations. • Client Interviews, Public Speaking.
Database	• Postgres, MySQL.		• Excel, PowerPoint, PowerBI.