

Ankit Sanghvi

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0 to 1 Product Engineer possessing hands-on experience in leading software teams in going from idea to research and design, to development, release, distribution, revenue & beyond. I'd rather sweat in a garage than recline in a cabin

EDUCATION

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| Carnegie Mellon University <i>Masters of Science in Software Management</i> • Relevant Courses: Product Discovery and Management, Innovating for Large Scale Problems, Design Thinking | Mountain View, CA December 2024 |
| Indian Institute of Technology (IIT), Madras <i>Bachelor of Technology in Civil Engineering, Minors in Computer Science, CGPA - 8.1/10</i> • Relevant Courses: Database Systems, Computer Network, AI/ML, Sensing and IoT, Secure Systems Engineering | Chennai, India May 2023 |

PROFESSIONAL EXPERIENCE

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| CyLab, Carnegie Mellon University <i>DevOps Engineer and Research Assistant</i> • Working with Prof. Marios Savvides to help Walmart improve Product Identification, through Computer Vision | Pittsburgh, PA, USA (Remote) September 2023 - Present |
| Academic Operations Success Platform (Coursepanel) <i>Founder (Everything from Product, Business and Sales to Engineering, Platform and Design)</i> • Built a university portal , chatbot to aid 3300+ students to make better academic decisions in selecting courses • Developed an Academic Operations Platform , for faculty to be atleast 35% more efficient in program planning • Consulted a professional academy on curriculum designing for teaching full-stack development in 6 months | Chennai, India May 2022 - May 2023 |
| Online Learning Platform for competitive exams (Unacademy) <i>Full Stack Engineering Intern</i> • Improved security of the video distribution system using token authentication over the Content Delivery Network • Increased user subscriptions by 17% in 2 months, by developing an engagement feature | Bengaluru, India May 2022 - July 2022 |
| B2B Retail Marketplace (Khatabook) <i>Full Stack Engineering Intern</i> • Boosted site performance by 57% by employing lazy loading, code splitting, and asset optimization over CDN • Increased service engagement by 31% by introducing web push notifications feature | Bengaluru, India Feb 2022 - May 2022 |
| Group Health Insurance Marketplace (Loop) <i>Full Stack Engineering Intern</i> • Engineered a Group Health Insurance Management Portal; established a frontend UI library for web & mobile apps | Pune, India Oct 2021 - Feb 2022 |
| Electronic Health Records Software Suite (Farmako Healthcare) <i>Product Engineer and Evangelist, Founder's office</i> • Coded an app and grew it to 30000+ patients then, to manage and share health records (today , 2million+) • Released a chrome extension over Gmail to help 20+ labs send medical reports to patients over SMS, WhatsApp • Partnered with hospitals, labs and clinics by providing a website , created through an in-house website builder • Boosted page visits to company website by 23% through programmatic SEO | Gurgaon, India Feb 2021 - Nov 2021 |

PROJECTS

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| Artificial Intelligence Products Development(Winning at 2 Hackathons) • Built a winning "Copilot for Cloud Architects by training over 800,000 articles on systems designing & case studies • Deployed a chatbot for enterprise data to help manage silos at companies with a complex information heirarchy • Trained a personal health AI agent with a full fledged medical record system-interfaced through WhatsApp | May 2022 - Present |
| Logistics Optimization Platform (Logistics Research Lab, IIT Madras) • Led 5 engineers with Professor Narayanaswamy to construct a delivery system software , with CI/CD + automation | Aug 2021 - Apr 2022 |

LEADERSHIP AND ACHIEVEMENTS

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| Technical Society Secretary, IIT Madras • Upscaled the tech culture at the institute through organizing 20+ competitions, 15+ guest lectures - resulting in 22 products at a 7000+ student scale - & securing \$12000+ in fundraising through 4 industry partners. (blog) • Led a team of 90+ students at the national level Inter IIT Technical Meet championship, winning 7 medals | Apr 2022 - Apr 2023 |
| Amazon Chief Technical Officer Fellow • Consulted 10+ cloud architects in AWS systems designing and solved problems to build better software systems | Jan 2021 - Apr 2021 |
| Google Campus Ambassador, IIT Madras • Piloted the 1st Google Live Project program to launch 4 projects co-created by Google Engineers and students | Jan 2022 - Apr 2022 |

SKILLS

Business: Product Planning and Design, Requirement Analysis, Critical Thinking, Engineering Management, Marketing
Technology: Full Stack Development, Cloud architecture, Systems designing, Machine Learning, Object-Oriented Programming, Design Patterns, Generative AI, TypeScript, Python, SQL, Neo4J, Dart, Kubernetes, [AWS](#), [GCP](#), [Azure](#)