

EDUCATION

DUKE UNIVERSITY | 4.0

Master of Engineering Management

Relevant Coursework: Design Thinking and Innovation, Managing Product Design

North Carolina, USA

Aug 2025 - Dec 2026

PSG COLLEGE OF TECHNOLOGY | 3.65

Master of Theoretical Computer Science

Relevant Coursework: IOT, Operating Systems, Database, Big Data, Machine Learning

Coimbatore, IN

Jun 2018 - Jun 2023

WORK EXPERIENCE

JOBZ

North Carolina, USA

Student Consultant (Ongoing)

Aug 2025 - Present

- Conducting stakeholder interviews with HR leaders, recruiters, and executives to uncover motivators and pain points, shaping refinements for Jobz's AI-powered Web UI platform.
- Mapping the recruiter journey to identify missing features projected to boost usability and strengthen executive ROI tracking.
- Synthesizing industry research across HR-tech deployment reports to validate the value proposition, define the ICP, and inform a market positioning strategy that aligns recruiter efficiency with executive needs.

KLA

Chennai, IN

Associate Product Engineer

Jul 2023 - Jul 2025

- Led the post-acquisition migration of CAMS division products into KLA's ecosystem, rearchitecting backend workflows and standardizing 10+ tools to ensure seamless integration.
- Improved system performance by reducing downtime by 35% and boosting query efficiency by 50% through implementation of LTREE-based data models.
- Architected and took full ownership of the Recipe Management domain, designed modular backend services and reusable APIs that streamlined workflows, cut recipe configuration time by 25%, and enabled 30% faster validation cycles.
- Developed the Result Viewer module end-to-end, enabled offline analysis, and reduced tool dependency by 70%, improving usability for engineering and QA teams.

WHAT THE FUN

Chennai, IN

Founder and Managing Partner

Apr 2024 - May 2025

- Conducted competitive benchmarking across 12 event platforms to identify feature gaps and market opportunities, guiding MVP design and positioning to strengthen product differentiation.
- Scaled operations across multiple cities, achieving 70%+ client retention through user-driven feature enhancements and personalized vendor experiences.
- Managed the full product lifecycle from user research, MVP design, and branding to budgeting and logistics, leading a cross-functional team of 10+ and demonstrating strong early-stage product strategy and execution skills.

PROJECTS

WavGuard – Product Design & Management | Duke University

Aug 2025 - Present

- Designed and managed *WavGuard*, a smart balance board solution integrating IMU sensors and LED feedback to enhance user stability and safety for water sports enthusiasts.
- Led user research, prototyping, and competitive benchmarking to define MVP features, validate market fit, and optimize design iterations based on usability testing.
- Collaborated cross-functionally with engineers and designers to translate user insights into actionable product requirements and an early-stage functional prototype.

SKILL

- **Product Skills:** Product Lifecycle Management, Requirements Gathering, User Research, Market Analysis, Competitive Benchmarking, Agile, Scrum, A/B Testing, User Segmentation, API Design, System Design, Change & Release Management.
- **Software Tools:** Jira, Figma, Tableau, Power BI, Notion, Datadog, GitLab, ETL