AMOGH JOSHI

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EDUCATION

Duke University, Durham, NC   **Aug 2023-Dec 2024**

Master of Engineering Management (GPA: 3.8/4.0)

Courses: Design Thinking, Product Management, Marketing, Competitive Strategy, Consulting, Finance, IP Law, Project Management

University of Mumbai, India   **Aug 2019-Jun 2023**

Bachelor of Technology in Computer Engineering (GPA: 3.8/4.0)

Courses: Machine Learning, Big Data Analytics, Applied Data Science, Operating Systems, Data Structures and Algorithms

SKILLS & CERTIFICATIONS

Product: Agile, A/B Testing, API Integration, UI/UX, Product Documentation, Data Visualization, Statistical Analysis, Customer Needs, Business Analytics, Product Specifications, SQL Proficiency, Market Research, User Stories, Data Visualization, Product Roadmap

Technical Skills: MS Office, Google Suite, Data Analytics, Adobe Creative Suite, AWS, Jira, Confluence, SCRUM

Programming Languages & Technologies: C, C++, Python, SQL, Java, JavaScript, Kotlin, HTML

WORK EXPERIENCE

Product Manager | Kurated AI | **B2C SaaS Edtech** | *Durham, NC*   **May 2024-Feb 2025**

- Spearheaded development of AI-driven "Storybank" product, defining vision, strategy & **managing end-to-end user flow design, API integration**, and deployment achieving a **40% increase in Daily Active Users (DAUs) on the website**
- Utilized analytics & market research to **develop Freemium pricing** model **increasing conversion by 15% and reducing CAC** by 10%
- Conducted **200+ stakeholder interviews** to **identify pain points developing a roadmap** for networking product **with design team**.
- Launched SEO-driven Career Stories & blogs Campaign, **increasing website traffic by 51%, CTR by 22%, and conversions by 18%**

Product Management Consultant | ForOurLastNames | **B2C SaaS Fintech** | *Durham, NC*   **Jan 2024-Apr 2024**

- **Researched 14 competitors** for fintech app targeting first-gen investors identifying gaps & shaping features to **boost PMF by 25%**
- Orchestrated 40 interviews, **identified 6 user issues**, and recommended gamification features to **boost engagement 36%**
- Authored market entry plan with competitor insights, **shaping GTM strategy** projected to **boost customer acquisition by 24%**

Product Management Consultant | Haiqu Inc. | **B2B SaaS Quantum Computing** | *Durham, NC*   **Aug 2023-Dec 2023**

- **Identified scalability bottlenecks**, evaluated SaaS, PaaS, IaaS models, & **developed custom solution**, **boosting scalability** by **35%**
- **Evaluated 11 potential hardware partners** to guide middleware product development, **reducing integration challenges** by 35%
- Positioned company for funding by analyzing 14 peer companies, driving 30% more investor traction

Software Engineering Intern | Benchmark Solutions Pvt. Ltd. | **Enterprise Software** | *Mumbai, India*   **Sep 2021-Oct 2022**

- **Boosted** resume parsing **accuracy by 73%** using **custom NLP models** reducing hiring time 30% through optimized data extraction
- **Engineered REST API** to **integrate NLP models with existing HR systems**, reducing data retrieval and processing time by 35%
- **Deployed a Django-based Web and Android app with API**, boosting candidate-job matching accuracy by 50%

ACADEMIC PROJECTS

AI-based Text Summarizer (Pre-ChatGPT) | Mumbai, India   **Aug 2022-May 2023**

Tech Stack: Python, Flask, BART, TensorFlow, NLTK, MongoDB | Natural Language Processing

- Implemented **natural language processing** using Query-Based Summarization and KN Smoothing, improving summarization precision by 25%, solving information overload for business users
- Built a SOTA text summarization system using BART, condensing reports into summaries, **boosting extraction efficiency by 30%**
- Developed a **scalable web app with Flask and NoSQL integration**, enabling seamless interaction for large-volume text processing

Chitale Poushtik – Food & Grocery Delivery App | Mumbai, India   **Apr 2020-Jan 2022**

Tech Stack: Java, Android, Google Firestore DB, Figma, ReactJS, HTML, CSS | Full-stack, Cloud, Agile Product Delivery

- Engineered **dual-interface** app (**Android/Firebase & React**) during Covid-19 Lockdown, significantly enhancing visibility and **boosting orders by 45%,** sales by 80% and enabling expansion beyond local markets.
- Integrated caching and load balancing with **Firebase/MongoDB**, **cutting API response times by 50%** and doubling throughput.
- Streamlined feature rollouts with **agile methods** reducing time-to-market by 40% and **increasing stakeholder satisfaction by 20%.**