

# KRITHIK SAI SREENISH GOPINATH

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## EDUCATION

**Northeastern University** – Boston, MA

*Master of Science, Engineering Management*

Sep 2022 – Dec 2024

Courses: Digital Product Design, Data Mining for Engineering, Natural Language Processing, Operations Research

**Visvesvaraya National Institute of Technology** – Nagpur, India

*Bachelor of Technology in Engineering*

July 2017 – May 2021

## EXPERIENCE

**Wurq** – Cambridge, MA

Sept 2023 – Apr 2024

**Product Manager Intern**

- Drove product strategy for an ML-powered fitness analytics platform, growing active users to 24,500 (40% increase) by launching sensor-to-insight features that translated raw data into actionable workout feedback.
- Reduced pose correction feature latency from 800ms to 40ms using CNN model distillation and on-device computing, boosting daily active users to 13,500 (35% growth) while slashing monthly cloud costs to \$18,000 (28% drop).
- Led cross-functional agile development with teams in Boston, Frankfurt, and Milan, shortening sprint cycles to 7 weeks (30% faster) and maintaining defect rates below 5% by enforcing rigorous code reviews and testing protocols.
- Conducted user testing with over 30 athletes and ran A/B experiments, raising form accuracy to 91% (30% improvement) and increasing monthly feature activations to 7,250 (45% up) by refining algorithms based on real-world feedback.
- Built Go-To-Market partnerships with sports programs, retaining 8,500 subscribers (85% retention) and securing product-market fit.
- Applied the RICE prioritization framework to feature development, delivering 26 high-impact features on time per quarter (30% more).

**ZS Associates** – Pune, India

June 2021 – June 2022

**Business Operations Associate**

- Owned end-to-end development of \$32M pharmaceutical compensation platform, driving \$1.2M revenue impact through optimized workflows for enterprise clients.
- Scaled analytics dashboard from pilot to 200+ enterprise users across neuroscience and nephrology divisions, maintaining 98% satisfaction.
- Introduced agile methodologies and automated SQL/Python data pipelines, delivering 24 features per quarter (26% increase) to support quarterly compensation cycles with faster, data-driven updates.
- Established an OKR framework to align business objectives with technical execution, growing platform active users to 580 (45% growth) across sales teams by focusing on key adoption metrics.
- Mentored junior team members on product methodology, boosting their feature prioritization accuracy to 90% (40% increase) and reducing backlog refinement time to 4 hours per sprint (50% decrease).
- Designed and built a hierarchical access control system for the MBO tool, reducing monthly support tickets to 300 (40% drop) by creating intuitive workflows that minimized user errors.

## PROJECTS

**Film Search**

**Tech Stack:** Node.js, React, Express.js, PostgreSQL, Postman, TailwindCSS, Python, Scrapy (Crawler), Groq (llama 70b 3.1 LLM)

- Architected a scalable data pipeline using a Python crawler and PostgreSQL, enabling real-time search across 54k+ films.
- Built core search functionality using TF-IDF and BM25 ranking algorithms to deliver relevant and fast query results.
- Integrated a Llama 3.1 70B LLM to create a "Film Chat" feature, allowing users to interact with film data conversationally.

**Voyantra: Budget Based Trip Planner** **Tech Stack:** Node.js, React, Express.js, MongoDB, Postman, TailwindCSS

- Analyzed user survey data to quantify traveler pain points and define the core project problem statement.
- Modeled the travel booking workflow to identify inefficiencies and design a more streamlined user process.
- Developed a quantitative model to score and prioritize features based on projected user impact.
- Synthesized market and user analysis into an MVP definition to secure project development resources.

## SKILLS

**Technical Stack:** Python (Data Pipelines, Web Crawling), JavaScript/TypeScript, React, Node.js, Express.js, TailwindCSS, SQL (PostgreSQL), MongoDB, Natural Language Processing (NLP)

**Infrastructure & DevOps:** AWS (S3, EC2, Lambda), Docker, Git, CI/CD

**Engineering Fundamentals:** Data Structures, Algorithms, System Design, Microservices Architecture, Test-Driven Development (TDD)

**Developer Tools:** JIRA, Figma, Postman, Looker Studio, Tableau