

## SKAND VIJAY

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### SUMMARY

Product-minded engineer with software development background, combining technical expertise with business acumen to build developer-centric solutions. Proven track record of driving cross-functional collaboration and delivering measurable product improvements through data-driven decision making.

### EDUCATION

**Carnegie Mellon University,** August 2024 - December 2025  
Master of Information Systems Management Pittsburgh, USA  
**Coursework:** Design Thinking, Professional Speaking, Object Oriented Programming in Java, Decision Making under Uncertainty, Organizational Design

**Vellore Institute of Technology,** July 2018 - May 2022  
Bachelor of Technology in Electronics and Communication Engineering, **GPA: 3.96/4.0** Vellore, India

### PROFESSIONAL EXPERIENCE

**Gap Inc,** June 2022 - July 2024  
Product Engineer Hyderabad, India

- **User Research:** Conducted and documented 11+ client interviews on Confluence, translating user pain points into actionable product requirements for financial reporting workflows
- **Product Strategy:** Led product direction by partnering with Product Development Managers, analyzing metrics and validating requirements for Oracle Patch, reducing scope changes by 17%
- **Product Metrics:** Established and tracked KPIs across 100+ Oracle reports, driving performance optimization through advanced SQL query refinement that resulted in \$10K cost savings while enhancing report accessibility and user experience
- **Cross-Functional:** Drove Tax Code platform modernization through microservices architecture, orchestrating Engineering, Finance, and UX teams to deliver scalable APIs with 24% performance boost
- **Agile Management:** Led 5-member team as Scrum Master for Oracle Patch deployment, improving sprint velocity by 13% while reducing incidents by 11%
- **Data Driven Decisions:** Partnered with data scientists to analyze 70+ critical incidents, implementing solutions that reduced recurring errors by 19%

### PROJECTS

**AI - Frame-Level Speech Classification Using Custom MLP (P.H.D Level), CMU SCS** August 2024 - September 2024

- Developed MLP model on GCP achieving 86% accuracy for phoneme classification using 19M speech frames
- Demonstrated ability to break down complex technical problems and iterate on solutions based on performance metrics
- Reduced training time by 10% through hyperparameter tuning, maintaining model accuracy

**Investment Platform Analysis, HP Tech Ventures** August 2024 - September 2024

- Evaluated 8 developer platforms to identify market gaps and growth opportunities
- Presented strategic investment recommendations to HP leadership team backed by market research and financial analysis
- Built detailed financial models analyzing revenue streams across multiple market segments

**Digital Product Design ACT - 3, Product Wars Hackathon, Tepper Business School** September 2024 - September 2024

- Conducted rapid market analysis identifying underserved customer segment with 68% market potential
- Delivered high-fidelity wireframes for 15+ screens using Figma under tight time constraints
- Performed competitive analysis of 8 platforms to identify product differentiation opportunities

**Automated Journal Approver Notification System, Gap Inc** March 2024 - June 2024

- Analyzed approval workflows across 12 business units, identifying \$10M+ in operational inefficiencies
- Led development of MVP processing 2,500+ daily transactions, achieving 99.8% accuracy and 98% user adoption
- Designed and optimized database schema handling 5TB+ of financial data, enabling real-time tracking of approval workflows across 12 business units
- Coordinated with 5+ stakeholders to deliver MVP in 3 months, achieving 98% adoption among 30+ finance professionals

### SKILLS

**Technical:** Python, C++, Java, SQL, Git, AWS, GCP, API Design, Database Design

**Product:** Agile/Scrum, JIRA, Confluence, Figma, Product Analytics, Wireframing, Microsoft Word and Power Point

**Database:** Oracle Financial, Oracle ERP, Oracle E-Business Suite, Advance Excel, PostgreSQL

### CERTIFICATION

- Atlassian Agile Project Management Professional Certificate, LinkedIn Learning August 2024 - September 2024