Tharun Poduru

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SUMMARY

MBA candidate (Leavey School of Business at Santa Clara University) and an experienced Software Development Engineer with strong technical and analytical skills. Proven ability to collaborate with cross-functional teams, leveraging data to solve complex problems and deliver customer-centric solutions. Passionate about product management, with a focus on driving product strategy, managing the product lifecycle, and enhancing customer experiences. Skilled in using data-driven insights to shape product roadmaps, working with engineers, designers, and business stakeholders to build innovative solutions.

WORK EXPERIENCE

Amazon, *Software Engineer***,** Seattle, USA   **May 2022 – July 2024**

- Collaborated across engineering, product, and design teams to deliver scalable Alexa Smart Properties solutions in Hospitality, Senior Living, and Healthcare, increasing customer satisfaction by 88%.
- Reduced device deployment time by 75% by launching multimodal tools and APIs using AWS, Alexa Presentation Language, and Android to enhance scalability and user experience.
- Collaborated with product managers to prioritize product features. Shaped product roadmaps by analysing customer feedback, identifying pain points, and working closely with stakeholders to influence strategic decisions.
- Developed **enterprise-grade APIs** and **role management** for streamlined device installation, cutting time-to-market by 50% while enhancing security for third-party setups.
- Led **cross-functional initiatives** to optimize **onboarding processes**, contributing to faster device launches and improved **cross-team collaboration**.

Wipro, *Software Engineer***,** Bengaluru, India   **November 2019 – September 2020**

- Engineered cloud-based solutions for banking data migration using ETL tools, addressing critical integration challenges and ensuring seamless data processing into Palantir's platform. This solution facilitated smoother data transitions and supported faster decision-making.
- Worked closely with stakeholders and technical teams to optimize data flows, ensuring alignment with business objectives and improving system performance. Improved deployment processes, enhancing system performance and aligning technical solutions with business needs.
- Identified key pain points in the legacy data systems and developed a roadmap to streamline migration processes. Implemented optimizations that reduced complexity and improved system reliability.

Indian Space Research Organization, *Intern***,** Bengaluru, India   **July – August 2018 & January – April 2019**

- **Floating-Point Arithmetic Computation Co-Processor** (January 2019 – April 2019): Developed a co-processor to reduce the workload and latency in satellite onboard computer systems. Awarded Best Project in Open House 2019 for this project.
- **Power System Emulator (July 2018 – August 2018)**: Designed and developed a power system emulator using C, Verilog, and ModelSim to regulate charge and discharge states for satellite subsystems. Conducted system checks to ensure optimal power flow and satellite performance.

EDUCATION

Master of Business Administration, Product Management and Entrepreneurship   **March 2026(Exp)**
Leavey School of Business, Santa Clara University, Santa Clara, CA
Courses: Product Management, Leadership, Marketing, Strategy, Business Analytics, Entrepreneurship

Master of Science, Computer Science & Engineering   **March 2022**
Santa Clara University, Santa Clara, CA
Courses: Operating Systems, Computer Architecture, Algorithms, Networks, Distributed Systems, Mobile App Development
       Web Programming, Technology Entrepreneurship, Global Team Development

Bachelor of Engineering, Electronics and Communication Engineering   **June 2019**
Visvesvaraya Technological University, India (College: Nitte Meenakshi Institute of Technology)
Courses: Data Structures, IP & Communication Networks, C Programming, Java, Artificial Neural Networks, Internet of Things

PROJECTS

SmartSHE – Social Enterprise Fintech Marketing Plan (*MBA Marketing Project***)**   **October 2024**
- Developed a comprehensive marketing strategy for SmartSHE, a fintech social enterprise focused on empowering marginalized women in Africa through digital and financial literacy training, microcredit loans, and supply chain financing.
- Conducted in-depth market research and customer persona development, focusing on underserved women entrepreneurs in rural African communities.
- Analysed the competitive landscape and created targeted marketing strategies leveraging digital channels, including Facebook, Instagram, and TikTok, to increase brand outreach.
- Recommended a go-to-market strategy aimed at reaching 2.5 million women, incorporating an online learning management system to deliver financial literacy training.

Plico – Android Dating Application (Java, XML, Android Studio, Firebase**)**   **November 2021**
- Developed a cloud-based Android dating app using Java and Firebase. Collected and analysed user feedback to prioritize feature enhancements, resulting in a 25% increase in user engagement. Implemented real-time interactions and optimized app performance by reducing load times by 30%. Managed the end-to-end development process and iterated on the app's features to improve scalability based on customer insights.

Peer to Peer Chat System (Python, MongoDB**)**   **June 2021**
- Built a decentralized chat system using Python and MongoDB, designed for fault tolerance and secure data synchronization. Led the design of system architecture focusing on scalability, reducing system downtime by 25%. Conducted user testing to identify performance bottlenecks and integrated feedback into the system, improving data synchronization speed by 15%.

SKILLS

Product Management:
Feature Prioritization, Roadmap Development, Agile Methodologies, Stakeholder Collaboration, Cross-Functional Collaboration, Customer-Centric Problem Solving

Data Analytics & Business Analytics:
SQL, Python, Excel, Data Visualization (Tableau), A/B Testing, Data-Driven Decision Making, Statistical Analysis

Technical Skills:
AWS, API Development, Java, Python, ETL Tools, Android Development, Web Programming, Alexa Presentation Language

Tools & Frameworks:
Jira, Trello, Confluence, Agile, Scrum, Kanban

Business Acumen:
Competitive Analysis, Market Research, Go-to-Market Strategy, Business Strategy, Product Lifecycle Management