

# VAMSI ATCHI

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## SUMMARY

- Results-driven **Product Manager** and a Master's graduate with a strong background in **data analytics, cross-functional collaboration,** and **customer-centric** product development. Proven ability to translate business needs into strategic product roadmaps, drive execution using **Agile/Scrum** methodologies, and deliver measurable impact on **revenue, user engagement,** and **operational efficiency.**

## EDUCATION

- **The University of Texas at Dallas** May 2024  
*M.S. Information Technology & Management* GPA: 3.11
- **GITAM University** Apr 2022  
*B.Tech. Electronics & Communication Engineering* GPA: 3.5

## TECHNICAL & PRODUCT SKILLS

- Product Mgmt Tools:** JIRA, Confluence, Trello, MS Project, Kanban Boards
- Data & Analytics:** Python (Pandas, NumPy), SQL, Tableau, Power BI, Google Analytics, Spark
- Methodologies:** Agile/Scrum, Waterfall, Roadmapping, Product Lifecycle Management
- Machine Learning:** Scikit-learn, Predictive Modeling, ETL Pipelines
- Other:** MS Office, Hadoop, VMware, Figma, Google Services API
- Certification:** **PSPO I** (Professional Scrum Product Owner I)

## PROFESSIONAL EXPERIENCE

- **Insurigo Inc.** Jan 2024 - Present  
*Product Manager* Plano, TX
  - Owned end-to-end website enhancements and marketing initiatives for a growing insurance-tech product line, **increasing organic traffic by 15%** and **improving user engagement by 10%**.
  - Led a cross-functional team (developers, SEO specialists, marketing) to define and implement KPIs, optimize data integration, and revamp the customer journey.
  - Analyzed Google Analytics and Power BI dashboards to shape ad campaign strategies, reducing bounce rates by 10% and boosting lead generation.
  - Employed Agile/Scrum best practices (daily standups, Kanban boards) to ensure timely delivery, resulting in a **4% revenue growth** from targeted user segments.
  - Streamlined ETL processes and data mapping, cutting data migration time by 20% and enhancing sales funnel visibility for senior leadership.
- **GITAM University** Sep - Dec 2019  
*AI Research Assistant* Visakhapatnam, India
  - Conducted research on AI-driven speech recognition tailored for individuals with speech impairments
  - Explored and evaluated logistic regression and SVM for speech recognition tasks, optimizing parameters and documenting performance metrics
  - Co-authored and published findings in the **IJEEDC journal**, highlighting enhancements in model performance
- **Wingfotech Pvt. Ltd.** May - Aug 2019  
*IoT Development Intern* Hyderabad, India
  - Created technical documentation for IoT prototypes and oversaw initial product testing, enabling a **15% improvement** in manufacturing speed
  - Developed Arduino-based home automation system using C programming
  - Integrated Blynk IoT platform for mobile device control and monitoring
  - Implemented voice command functionality through Google Assistant API

## ACADEMIC PROJECTS

- **AI Solutions for Real Estate Insurance** Jan - May 2024  
*Capstone Project – Python, SQL, Tableau*
  - \* Processed 10,000+ property records using SQL queries to identify risk factors and automate policy recommendations.
  - \* Developed Tableau dashboards to track claims processes, enabling **data-informed** decisions on fraud prevention and premium pricing.

- \* Delivered comprehensive documentation and Figma prototypes for executive stakeholders, expediting development cycle.
- **Agile Project Management Simulation** Jan - May 2023  
*Course Project – Tools: MS Project, JIRA, Agile/Scrum*
  - \* Participated in an **Agile** simulation project to plan and execute a fictitious IT system upgrade for a mid-sized e-commerce client.
  - \* Used **MS Project** to create a comprehensive work breakdown structure (WBS), Gantt charts, and resource allocation plans to deliver the project on time and within budget.
  - \* Regularly **iterated and refined** sprint backlogs in JIRA, ensuring alignment between user stories, acceptance criteria, and stakeholder expectations.
  - \* Conducted sprint reviews and retrospectives to gather lessons learned, leading to a **15% reduction in rework** and improved cross-functional collaboration.
  - \* **Presented final findings** and recommendations to the class, demonstrating risk mitigation strategies, project metrics, and a proposed roadmap for future enhancements.
- **Chess Analytics Pipeline** Jan - May 2023  
*Big Data Systems – Hadoop, Spark, VMware*
  - \* Built Ubuntu-based virtual environment for distributed data processing
  - \* Engineered Sqoop pipelines to ingest 50,000+ chess game records into HDFS
  - \* Developed Spark ML model predicting game outcomes with **82% accuracy**

## ADDITIONAL HIGHLIGHTS

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- **Leadership & Teamwork:** Guided cross-functional teams (engineering, marketing, design) to deliver high-impact product releases.
- **Customer Obsession:** Prioritized feature development based on user feedback and analytics, driving measurable improvements in user satisfaction.
- **Analytical Problem-Solving:** Skilled in identifying critical metrics and leveraging data-driven insights to optimize product performance.
- **Communication:** Effectively present progress, risks, and roadmaps to senior executives, stakeholders, and cross-functional teams.