SHIVANI JAKHMOLA

sjakhmo2@andrew.cmu.edu · Mountain View, CA · 650-439-6565· linkedin.com/in/shivanijakhmola

Product Owner with 5 years of experience at Honewyell (Fortune 500 company) in Product Management, Product Strategy and Software Engineering.
Looking for Product Manager Internship for Summer 2022

EDUCATION

Carnegie Mellon University, Master of Science in Software Management, Mountain View, CA, GPA 4.0/4.0 — Aug 2021 - Dec 2022
Awarded academic fellowship to study at CMU
Manipal Institute of Technology, Bachelor of Engineering in Information Technology, Manipal, India GPA 3.6/4.0 — Jul 2012 - Jul 2016

WORK EXPERIENCE

Product Owner, Honeywell — Aug 2019 - Jun 2021
Data Analytics and Enterprise Security

- **Owned Sensor data prediction feature** from concept to launch by pitching a new feature that accelerated product growth by onboarding 4 major user sites resulting in the sale of **1000 new enterprise licenses.**
- **Generated 3 million USD in annual revenue with 100% year on year growth** by identifying a major user pain point through user research and led the new feature initiative with cross-functional teams of Sr. Product Managers, Program Managers, Developers, Marketing, and Customer Support teams in India and the US.
- **Launched 10 major and minor releases** each for the Data Analytics and Enterprise security products. Defined product vision, product roadmap, backlog, and prioritized user stories using Agile framework. Conducted A/B testing and assimilated user insights for Product Managers.
- **Identified 3 new use cases** by performing competitor analysis which differentiated the enterprise security product from 2 major market competitors.
- **Presented Product Strategy for IoT space** as a key speaker at the Niagara Forum 2019, addressing 120 stakeholders. Acted with urgency to support the customers and received a Silver Award from senior leadership.

Senior Software Developer, Honeywell — Aug 2018 - Aug 2019
Cloud SaaS Platform

- **Identified a 1 million USD market opportunity** by developing a go to market strategy for a new product idea that helps CXOs manage KPIs efficiently using a rule-based engine and NLP.
- **Reduced product installation time by 90%** by deploying the Enterprise Security solution on the cloud using Docker.
- **Led the engineering team of 10 developers**, designers, and system test members. **Hired and mentored 5 new software developers** to build a team.
- **Developed enterprise features** like video surveillance view, playback views, role-based access (backend Java), access control features (Java, SQL, JavaScript) and security dashboard that **improved monthly user retention over a year by 50%.**
- Received a Bronze Award for the most innovative and critical new feature developed for the analytics product, emphasizing code quality and handling DevOps responsibilities of the team.

Full Stack Software Developer, Honeywell — Aug 2016 - Aug 2018
Data Analytics

- **Architected and developed an optimized novel way to utilize machine learning algorithms in IoT space using Java**. Developed analytical charts, and reporting tools for the Data Analytics product increasing the market share of Honeywell by 10% in the IoT data analytics space.
- **Designed the UI/UX** with the Honeywell User Design team for visualizing predicted data on interactive dashboards.
- **Created an anomaly detection MVP module in R,** by analyzing customer's site using regression and correlation achieving an **87%** prediction accuracy for predicting device faults.
- **Decreased quality assurance testing time by 50%** by developing an automation suite that identified a major performance issue enabling on-time release for installation at the Google India site.
- **Interned at Honeywell and received a full-time offer**. Developed an idea recommendation conversational bot that helps companies generate new product ideas.

RESEARCH PAPERS

First Author of the IEEE paper - 'A new approach of controlled binning for data smoothening' — Aug 2015
First Author of the ACM paper - 'A Computational Approach of Data Smoothening and Prediction of Diabetes Dataset' — Jul 2015

LEADERSHIP AND EXTRA-CURRICULAR

Won Microsoft 24-hour Hackathon competing with 105 students.
Won 2 Honeywell Product Innovation Hackathons that created a new revenue stream for Honeywell — Oct 2015-Dec 2019
Marketing Head at Changemakers, CMU - Built a Digital Marketing plan and collaborated with public outreach and operations team.
Entrepreneur in Residence at Entrepreneurship club, CMU — Aug 2021 - Present
Volunteer teacher at Volunteer Service Organization. Taught programming to underprivileged children from ages 6-12 years.

CERTIFICATIONS

Google Product Design (Udacity) — Jun 2021 - Present
Artificial Intelligence Training (2018) - Attended International School of Engineering's Artificial Intelligence training CSC 9098c — Aug 2018

PROJECTS

Digital Literacy - analyzed mobile application UI design for accessibility to improve universal internet access, focusing on the target market of 30+ years old adults.
Manipal Aural Rehabilitation tool - built a project with a startup to train 50 patients with hearing impairments using retraining the system through patient feedback.
Portfolio - created a Product Portfolio on Canva.

SKILLS

Business – **Customer Interviews, Market Research, Analytics, Prototyping, UI/UX, User Discovery and Research, Product Strategy, Agile Methodologies**
Programming Languages - **Java, C++**
AI/ML and database - **R, api.ai, SQL**
Web Scripting - **HTML5, JavaScript, D3, React**
Prototyping and Project Management Tools **Figma, Balsamiq** , JIRA