

Ayush Aggarwal

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Work Experience

Product Manager | AccuKnox

Sept 2024 – Present

- Owns end-to-end **product development** by creating **PRDs**, **wireframes**, and **UX flows**, ensuring seamless **user experience**.
- Led **cross-functional collaboration** with **engineering**, **design**, and **QA** to deliver **high-quality**, **timely releases**.
- Led **stakeholder** communication and **sprint planning**, integrating **market insights** for continuous improvement.
- Increased user **retention by 15%** through **UX improvements**.

Product Quality Eng. | I2V Systems

June 2023 – Sept 2024

- Optimized **product strategy** using user analytics, increasing **customer satisfaction by 20%**.
- Optimized **QA and testing strategies**, reducing **defects by 25%** and accelerating sprint cycles.
- Aligned product messaging with **marketing and sales**, driving a **15% increase in conversions**.

Product Associate Intern | Techvins

Feb 2023 – June 2023

- Improved **Agile execution**, increasing **sprint velocity by 15%** and reducing **decision-making time**.
- Conducted **data-driven research**, boosting **user engagement by 25%** and **retention by 15%**.
- Implemented **SEO strategies**, driving **organic traffic growth** and **search engine visibility**.

CyberSecurity Intern | GPCSSI

June 2021 – July 2021

- Researched & evaluated **emerging security tools**, contributing to cybersecurity initiatives.
- Managed **digital resources** to enhance **threat analysis** and risk assessment.

Projects

College Bharat (Link)

Internship Project

Website for Blog and College Discovery

- Implemented **Agile and Scrum** project management strategies, organizing tasks that resulted in a **25% increase in efficiency** for product development.
- Leveraged **Google Analytics** for insights and ensured timely delivery of website updates and enhancements.
- Tracked progress and maintained sprint sheets, leading to a **20% improvement in project completion time**.

Tools Used: Product Management, Cross-Functional Team Collaboration, Google Analytics, User Analysis

IoT Pet Feeder (IoT-Based) (Link)

Personal Project

Remote scheduling and monitoring of pet meals

- Designed and implemented an **Automated Pet Feeding System** using **NodeMCU** and sensor interfacing technologies.
- Integrated **IFTTT protocol** for seamless connectivity with **Google Assistant** and smart home devices.
- Utilized **Blynk app** for **remote monitoring and control**.

Tools Used: IFTTT, NodeMCU, Google Assistant, Blynk App

Resume Selector (Machine Learning-Based) (Link)

Personal Project

Machine learning project that evaluates and ranks resumes

- Developed a **keyword search mechanism** and applied the **Naive Bayes algorithm** for candidate assessment.
- Conducted **data preprocessing** and utilized **Python libraries** for **data visualization** and numerical computations.

Tools Used: Naive Bayes, Pandas, Matplotlib, Python, Data Preprocessing, Data Analysis

Skills

Programming Languages: Python, Java, SQL, OOP, OS, Git, Computer Fundamentals

Product Management: PRD Documentation, Wireframing, Market Research, User Stories, A/B Testing, KPI Monitoring, Agile & Scrum, Sprint Planning, Backlog Prioritization, Roadmap Execution, UX, Feature Development, Prototyping, SEO, Customer Analysis, Competitor Research, SDLC Methodology

Cloud & Security: CNAPP (Cloud-Native Application Protection Platform), ASPM (Application Security Posture Management), Cloud Security, DevSecOps

Certifications: Java Data Structures and Algorithms 🖱, Google Cloud Qwiklabs 🖱, Scrum: The Basics 🖱, Product Management Tips 🖱.

Tools & Platforms: JIRA, Trello, Confluence, Notion, Figma, Whimsical, Postman (API Testing)

Soft Skills: Leadership, Problem-Solving, Stakeholder Management, Documentation, Cross-functional Collaboration, Communication

Education

B.Tech in Electronics and Communication, The Northcap University 🖱

- **Coursework:** Programming of Data Science, Introduction to AI&ML, Computer Programming, SQL, Problem Solving and Design Thinking, Design for IOT, Microcontroller and Microprocessors
- **Extra Curricular Activities:** Core Member at IEEE- Networking - Opportunity to learn new technologies | Volunteer at NSS-Engaged in initiatives such as awareness campaigns, environmental conservation

Achievements

- **Appreciation Certification in Web Development:** Received a certification in web development. 🖱
- **State Rank 109 in Erudite Olympiad Foundation** Achieved a state rank of 109 in the Erudite Olympiad Foundation.