

# Amber Negi

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## PROFESSIONAL SUMMARY

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Strategic problem-solver with a strong record of delivering results through data-driven insights and innovative solutions. Skilled at translating complex challenges into actionable roadmaps that align with business goals. Experienced in building and managing scalable AI-powered products and automation. Adept at collaborating with cross-functional teams to maximize product value. Detailed metrics and achievements are highlighted in the Experience section and linked portfolio.

## TECHNICAL SKILLS

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### Product Management and Collaboration

- JIRA, Confluence, GitHub, Bitbucket, and SharePoint
- Agile (Scrum, Kanban), Product/Software Development Life Cycle
- Strategic Planning and Roadmapping
- Stakeholder Management, Cross-functional Team Leadership

### Analytics and Experimentation

- A/B Testing, Firebase, Figma, Adobe Analytics
- Data-driven Decision Making

### Data and Visualization

- Tableau, PowerBI
- Structured Problem Solving

### Technical and AI Proficiency

- Python, SQL (MySQL), and JavaScript
- AI/ML (RAG, LLMs, AI Agents, CNNs)
- AWS, Adobe Experience Manager (AEM)

## PROFESSIONAL EXPERIENCE

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### Product Manager

*Microchip Technology*

December 2024 – Present

*Hyderabad, India*

- Spearheaded the development of an AI-powered recommendation engine leveraging RAG and predictive analysis to boost ticket resolution efficiency by 25%.
- Defined and executed product roadmaps for 3 AI solutions, aligning investments with market trends and negotiating hardware costs and extended maintenance with vendors to optimize spend.
- Developed a data-driven insights dashboard that quantified quality metrics, identify trends, and deliver actionable insights—improving the overall quality score by 5% over two quarters and reducing manual reporting effort by 30%.
- Led the development of an applied ML-based image processing solution using CNNs and advanced denoising algorithms designed to achieve up to 50% improvement in asset quality and visualization experience for customers across all assets, including the website, documentation, and within software tools.

### Senior Engineer-I

*Microchip Technology*

June 2023 – November 2024

- Led the product vision and roadmap for a Python-based automation framework that unified code generation, regression test cases, and documentation from a singular source, resulting in a 50% increase in developer efficiency by streamlining workflows and reducing inconsistencies.
- Benchmarked competition and developed a Machine learning-based chatbot product from zero-to-one, to provide guided assistance and first-level technical support, resulting in a 30% reduction in technical support cases.
- Managed online content strategy for the FPGA product portfolio on AWS and AEM platforms to enhance customer engagement and product discoverability by reducing 12% bounce rate and 7% exit rate over a quarter.

**Engineer-II**

July 2021 – May 2023

*Microchip Technology*

- Engineered scalable information architecture and context-sensitive help solutions for QT/C++ APIs, optimizing user assistance journey.
- Designed user-centric help interfaces for Linux and Windows, and authored technical documentation for 10+ software releases, enhancing UX and cross-platform accessibility.

**EDUCATION**

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**National Institute of Technology Silchar**

2019 – 2021

*Master of Technology – Electrical Engineering*

**Indraprastha University**

2015 – 2019

*Bachelor of Technology – Electrical and Electronics Engineering*

**ACHIEVEMENTS**

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- Awarded the **(Patent and Trademark Resource Center) PTRC Invention Award** for intellectual property contributions.
- Recognized with the **Exceptional NCG (New College Graduate) Award** for surpassing performance expectations within two years of hire from college.
- Completed two patent disclosures showcasing innovative contributions to AI-powered solutions.
- Received the **Spotlight Award** for exceptional contributions beyond job responsibilities.

**CERTIFICATIONS**

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- Product Management Fundamentals- GrowthSchool