

# Preksha Deshmukh

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## ACADEMIC QUALIFICATION

New Horizon College of Engineering (8.99/10)

June 2017 - August 2021

B.E in Electrical and Electronics Engineering

## WORK EXPERIENCE

### **Lowe's India - Product Manager, MLOps Platform**

**May 2025 - Present**

- Built Lowe's internal MLOps platform from the ground up, enabling data scientists and ML engineers to build, deploy, and monitor models seamlessly.
- Launched the platform within 2 months, achieving adoption by 50+ users across 10 teams, accelerating model experimentation and deployment workflows.
- Partnered with cross-functional teams (Infra, Platform, Data Science) to design scalable cluster setups, streamline notebook provisioning, and simplify storage and pipeline management.
- Led end-to-end user research and feedback cycles, identifying core pain points in model development, environment setup, and dependency management to prioritize feature enhancements.
- Established feedback-driven product iterations, improving usability, onboarding experience, and reliability based on real-time user insights.
- Conducting continuous market and competitive research to benchmark platform capabilities against leading MLOps tools and inform roadmap strategy.

### **Lowe's India - Product Manager, Data Governance**

**August 2023 – May 2025**

- Optimising Data Ingestion workflows - Helped create a Python package to streamline high-quality data ingestion pipelines, ensuring efficient, accurate and scalable data processing.
- Building data quality insights - Successfully developed a data quality scorecard which helps customers understand the health of their datasets at a high-level and increasing tool adoption by 30%.
- Defining Data Quality Standards - Leading efforts to establish data quality standards for assets on GCP BigQuery, Hadoop and collaborating with senior leadership across teams to ensure adherence to these standards.
- Analytics for User insights - Designed and developed a superset dashboard to analyse user data and engagement metrics which provides actionable insights to improve product adoption and feature utilisation.
- Strategic planning - Actively collaborated with cross-functional stakeholders & leadership to plan yearly product roadmap, OKRs for the data governance team.

### **Lowe's India - Associate Software Engineer**

**August 2021 – July 2023**

- Led Automated ETL processes and captured metadata using Python from Hadoop, Kafka & Druid.
- Contributed to the establishment of a Data governance council and good data practices.
- Collaborated with over 25 product teams for data classification and management.
- Developed a Superset dashboard for product story visualisation and data certification.

### **32 Crayons – Product Intern**

**January 2021 – July 2021**

- Engaged in wire-framing, prototyping, web development, SEO, and social media campaigns for clients and 2 in house product offerings.
- Identified user navigation challenges during 50+ user interviews and surveys, prompting is evaluation of prototypes with a focus on user-centric design. Additionally, discovered user demand for unique, locally sourced products, leading to the refinement of product offerings to include Made in India items, thereby supporting local businesses and addressing user preferences.
- Fostered partnerships with local businesses to expand product offerings.

**Quinbay Technologies - Product Analyst Intern****April 2021 – May 2021**

- Utilised SQL and NoSQL databases to query diverse data sources and constructed interactive dashboards in Tableau and Superset to visualise user behaviour patterns for an e-commerce company based in Indonesia.
- Demonstrated proficiency in Root Cause Analysis methodology and assisted the team in implementing it to effectively resolve Data Inconsistencies in Order Processing.

**TECHNICAL SKILLS**

Python | SQL | Apache Airflow | GraphQL | Superset | Figma | Adobe XD | MS-Office

**PRODUCT MANAGEMENT SKILLS**

Product strategy | Roadmap development | Gathering user requirements and conducting user interviews | Agile/Scrum methodologies | Data Visualisation | KPIs and Metrics Definition | Data governance and data quality management | Effective communication and presentation skills | JIRA | Confluence |

**CERTIFICATIONS**

- Nanodegree program for Product Manager - Udacity