



Anna Rose Joshy

M.Sc. Computer Science
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OBJECTIVE

Motivated Computer Science Master's student with strong analytical and organizational skills, and experience supporting product-oriented collaboration using tools such as **Jira, Confluence, and MS Office**. Aspiring to grow into a product management role, with a particular interest in organizing product workflows, facilitating collaboration between stakeholders, and contributing to product discovery and ideation. Enjoy designing structured processes, arranging workshops, and exploring new ideas to translate technical possibilities into user-focused, value-driven solutions in **agile environments**.

EDUCATION

University of Passau <i>Master of Science in Computer Science</i>	<i>2024 – Ongoing</i> Germany
Sahrdaya College of Engineering and Technology, Kodakara <i>Bachelor of Technology in Computer Science</i>	<i>2019 – 2023</i> CGPA: 7.97

SKILLS

Agile & Collaboration: Basic Scrum understanding, meeting preparation, documentation, visualization

Tools: Miro, MS Office (PowerPoint, Excel, Outlook), Git, GitHub, Docker, Confluence, Notion

Technical Background: Python, SQL, JavaScript

Languages: English (C1), German (B1)

Soft Skills: Stakeholder Management, Communication, Prioritization, Data-Driven Decision Making.

EXPERIENCE

Ibrick Predictive Maintenance System – Startup Project	<i>06/2025 – 12/2025</i> Passau, Germany
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- Designed data processing pipelines for structured sensor datasets
- Analyzed datasets to identify patterns, anomalies, and operational risks
- Designed modular project architecture for scalability and maintainability
- Supported planning and coordination of development tasks
- Maintained documentation and task tracking using Notion

Worked in an agile software development environment using Jira and Confluence
Contributed to the design and prototyping of an AI-based chatbot system
Improved projected user engagement by 25% and reduced response latency by 40%
Evaluated chatbot architectures for scalability, achieving a 30% improvement
Authored technical documentation reducing onboarding time by 50%
Facilitated and support print Reviews, Iteration Planning, and refining the team backlog

PROJECTS

Data Visualization & Analysis Dashboard

04/2025 – 07/2025

Web-based analytics tool for structured presentation of results

Focused on communicating insights to non-technical audiences
Planned and structured project milestones independently
Created documentation and visual presentations of analytical results
Coordinated data processing, visualization, and deployment
GitHub: <https://github.com/AnnaRose20/Data-visualisation>

RoadBot

10/2022 – 06/2023

Autonomous driving assistance – pothole detection and route optimization

Developed a prototype supporting **autonomous driving perception use cases** through road condition analysis.
Worked on data collection and preprocessing from sensor and image sources.
Integrated perception outputs with backend logic to support routing and driving decisions.
Strengthened understanding of **data-driven, perception-based systems**.

LEADERSHIP & EVENT ORGANIZATION

Hackathon Planning & Management

2022

Organizing Team Member

Kerala, India

Planned and coordinated a student hackathon from concept to execution
Managed scheduling, task allocation, and stakeholder communication
Supported logistics, registrations, and real-time issue resolution
Collaborated with a cross-functional organizing team
Documented feedback and outcomes for future events
Event Website: <https://tek-o-thon.vercel.app/>