Career Objective

Versatile Software Engineer with expertise in full-stack development using Java, .NET, and React.js. Proven track record in delivering scalable solutions with technologies like Spring Boot, Microservices, and Docker. Experienced in leading projects and driving innovative B2B systems. Currently pursuing a master's in Engineering Technology with a focus on AI and data analytics. Seeking opportunities to create impactful, efficient software solutions.

Contact Information:

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Email:
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LinkedIn:
https://www.linkedin.com/in/ankur-mali-/

GitHub:
https://github.com/ankur-mali

Current Location:
Rhinstrasse 79, 10315, Berlin, Germany

Interpersonal Skills

Strong communication skills

Effective presentation abilities

Proficient in teamwork

Skilled in organizing and coordinating events

Tools & Technologies Expertise

Cloud & Data Platforms
Azure Data Factory, Azure Databricks, Google Cloud (exploring)
AI & Data Science Toolkit
Machine Learning, Random Forest, XGBoost, OpenCV, FastAPI (exploring)
Developer Utilities
VS Code, Visual Studio, Microsoft Office 365

Language

English (C1)

German (B1)

Hindi (C1)

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Projects

Vehicle Configurator Website (Full Stack)
Technologies: Spring Boot, Jakarta EE, .NET Core, React.js, Node.js, JWT, Microservices, Docker, MySQL, SQL Server

- Built a B2B car leasing platform for customization and ordering.
- Developed backend with Spring Boot and .NET Core, using JPA & Entity Core.
- Implemented JWT authentication and microservices for modular design.
- Automated PDF invoice generation with real-time email updates.
- Deployed using Docker containers for maintainability and scalability

Predictive Maintenance Dashboard – Berlin, Germany
Technologies: Python, Streamlit, FastAPI (Exploring), Azure Databricks, Synapse, ML

- Dashboard predicting Remaining Useful Life (RUL) for engines.
- Trained ML models (Random Forest, XGBoost) for accurate predictions.
- Interactive UI via Streamlit with sensor trend animations.

Fruit Detection Robot – Berlin, Germany
Technologies: Python, OpenCV, Webots

- Designed robot (virtual) for detecting and sorting fruits using vision.
- Applied OpenCV for object detection via contour analysis.
- Simulated robotic actions in Webots for performance tuning

Education

Post Graduation 01. Oct,2023 – Present

Course	[MEng] Engineering and Sustainable Technology Management - Focus on Industry 4.0: Automation, Robotics & 3D Manufacturing.
University	SRH Berlin University of Applied Sciences

Post Graduation Diploma Mar,2023 – Aug,2023

Course	PG Diploma in Advanced Computing
Institute	C-DAC, Mumbai, India

Graduation Aug.2017- Jul.2021

Course	BTech (Mechanical Engineering)
College	Sharad Institute of Technology College of Engineering
Score	8.25 CGPA
University	DBATU

Technical Skills

Programming Languages:
Java, Python, JavaScript, TypeScript, C#, SQL

Web & Backend Development:
Spring Boot, Jakarta EE, .NET Core, ASP.NET Core, Node.js, REST APIs, JWT

Frontend Development:
React.js, HTML5, CSS, Tailwind CSS, Streamlit

Databases:
MySQL, SQL Server, Azure Synapse Analytics

DevOps & Tools:
Docker, CI/CD, Git, GitHub, JUnit, Maven