

BHAVANA LOKESH

bhavanalshetty@gmail.com | +49 15510257219 | Jaupstraße 11, 64289 Darmstadt, Germany
<http://www.linkedin.com/in/bhavana-lokesh>

EDUCATION

Technische Universität Darmstadt (Oct 2024- Present)

Masters in Information and Communication Engineering (ICE)

Relevant coursework: Data Analysis, Machine learning, Data science, Network Security and Network Communication.

Jain University (Aug 2018- Aug 2022)

Bachelors in Electronics and communication engineering (ECE)

Relevant Coursework: Python, C++, Java and Wireless Networking.

EXPERIENCE

ENGINEER – Larsen &Toubro Technology Services

(DEC 2022 – SEP 2024 Bengaluru, India)

Marelli Telematics project:

- Developed telematics systems for GPS tracking, diagnostics, and OTA updates in connected vehicles.
- Improved communication between vehicle hardware and cloud using **CAN**, **MQTT**, and **REST APIs**.
- Enhanced system diagnostics and testing, improving module reliability by 15%.
- Collaborated across teams to ensure real-time data synchronization.

Technologies Used: C++, Python, CAN protocol, MQTT, REST APIs, Git, Jira.

DATALOGIC OPOS project:

- Created DLRMU, a CLI tool for automated firmware/config updates across 500+ POS devices, cutting manual effort by 60%.
- Developed and maintained C#/.NET solutions for OPOS hardware integration.
- Handled debugging, version control, and deployment in Agile sprints.

Technologies Used: C#, C++, .NET, OPOS, Git, CLI, Windows Services, XML, Jira.

INTERNSHIP – Programmer Analyst - Cognizant

(JAN 2022 – AUG 2022 Bengaluru, India)

Developed and maintained software applications using C# and focusing on building robust, scalable, and maintainable code.

Technologies Used: C#, Visual Studio, Git, SQL Server.

AI INTERN - GMAT Verzeo (Feb – Mar 2021 Bengaluru, India)

Worked on ML models using Python, scikit-learn, and TensorFlow.

Applied data preprocessing and version control with Git

PROJECTS

- **AI-Driven Predictive Analytics**
Built a health data classifier using ML; achieved ~90% accuracy on validation data.
- **Network Traffic Analysis using Wireshark:** Analyzed simulated LAN traffic with Wireshark to study TCP/IP and DNS behavior.
- **Face Recognition for Authentication | Python**
Developed a real-time face recognition system; achieved 95% accuracy on test data.

SKILLS

Programming Languages:

Python, C++, C#, Java, SQL

Data Analysis: Pandas,

NumPy, Matplotlib, scikit-learn,

Jupyter

Networking: CAN protocol,

MQTT, TCP/IP, Wireshark,

Cisco Packet Tracer

Tools: Git, VS Code, Visual

Studio, WSL, Jira

Cloud & DevOps: VMware,

Ansible, Bash, Linux, Docker

Web Development (Basics):

HTML, CSS, JavaScript

CERTIFICATIONS

Python for Data Science –

Coursera

Java Programming – Udemy

Introduction to Wireless

Networking – LinkedIn

Learning

C++ Fundamentals – Solo

Learn