

RASHED AZAD

Software Developer

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Metzingen, Germany

in rashed-azad-jr

EXPERIENCE

Embedded Software Developer

Nova Measuring Instruments GmbH

January 2023 – Ongoing

Bad Urach, Germany

- Designed and developed applications using modern C++ with a focus on scalability, reliability, and performance.
- Developed new applications using Rust, ensuring safety, concurrency, and efficiency.
- Optimized software with efficient algorithms and state-of-the-art technologies.
- Delivered high-quality solutions independently, meeting time and quality standards.
- Recommended architectural improvements for enhanced system scalability and maintainability.
- Integrated advancements in parallel programming, distributed systems, and security.
- Provided feasibility studies and time estimates for new functionalities.
- Specialized in embedded systems on ARM-based Linux platforms.
- Automated development processes using Python.
- Worked in Agile environments using SCRUM and JIRA for task management and project tracking.

Software Developer

Neura Robotics GmbH

February 2020 – December 2022

Metzingen, Germany

- Delivered high-performance C++ code for real-time applications.
- Designed interfaces between C++ backends and graphical user interfaces.
- Worked in Agile environments with JIRA for project management.
- Collaborated on distributed systems and scalability solutions.
- Developed intelligent, collaborative robots using the Orocos Real-Time Toolkit.

SKILLS

Programming

Modern C++

Rust

Memory Management

Profiling/debugging

Real-Time System Design

Python

Secure Coding

Algorithm Design & Optimization

Development Tools

Version Control (Git)

Build System(CMake)

Containerization (Docker)

Testing(Google Test)

Soft Skills

Effective Communication

Team Collaboration

Adaptability

Solution-oriented approach

Driving Licence (B197)

LANGUAGES

English

German

Bengali



EDUCATION

M.Sc. in Mechatronic

University of Siegen

2015 – 2019

B.Sc. in Electrical & Electronic Engineering

American International University-Bangladesh

2009 – 2013