

Masood Ahmed Mohiuddin

Junior Java Entwickler | Full-Stack Entwickler

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PROFESSIONAL EXPERIENCE

Hochschule Fulda, Machine Learning Teaching Assistant 📍 11/2024 – 02/2025 | Fulda, Germany

- Facilitated weekly support sessions for 40+ Master's students, simplifying ML concepts, resulting in improved student performance and feedback scores.
- Designed and delivered 10+ interactive Google Colab notebooks with hands-on exercises and annotated code, increasing student engagement and independent learning.
- Improved student project success by 30% fewer execution errors and documented complex technical workflows for students.
- Integrated practical elements of system scalability, data orchestration, and optimization into coursework, aligning with industry applications.

Exposys Data Labs, Python Developer 📍 04/2021 – 05/2022 | Bengaluru, India

- Developed and deployed a multilingual translation application capable of handling text in 160+ languages, integrating APIs for accurate and scalable performance.
- Revamped GUI using Tkinter, reducing navigation errors by 20% and improving user experience.
- Conducted performance optimization and modular design for future extensibility.
- Built modular components with team, improving system extensibility for future automation tasks.

PROJECTS

NeuAnfang – Student Housing Platform, React, Prisma, Java, Springboot, Mantine UI, AWS, Nginx, Git 📍

- Built and deployed a full-stack housing management platform on AWS, among Fulda students, simplifying the accommodation search process.
- Implemented secure authentication & authorization workflows with teammates.
- Built cloud-based platform using React frontend + Java backend with PostgreSQL, enabling fast and reliable queries on PostgreSQL databases with an average response time under 200ms.
- Automated deployment with Nginx and CI/CD pipelines, ensuring zero-downtime updates and system stability.
- Experience in requirements analysis, stakeholder collaboration, and secure solution delivery.

Asuna – Task Management System, Bootstrap, Node.js, Express.js, MongoDB

- Developed a responsive task management web app allowing users to create, update, and delete tasks.
- Built REST APIs for efficient CRUD operations and database connectivity, reducing query times and improving system reliability.
- Delivered a user-friendly interface, boosting task completion by 15% in testing.
- Applied process automation concepts that align with SAP consulting in workflow and master data management.

EMERGING TECH PROJECTS

IoT – Air Quality Monitoring System

- Developed an IoT-based solution using sensors to measure and visualize air quality data.
- Designed real-time dashboards for monitoring, improving awareness of environmental conditions.

3D Modeling & Rendering

- Created interactive 3D environments for simulation and visualization.

- Applied rendering pipelines for realistic visual outputs, useful in virtual prototyping.

Unreal Engine – 3D Virtual Chatrooms

- Built an interactive application with real-time 3D apps and chatrooms.
- Demonstrated curiosity, adaptability, and ability to learn new domains quickly, essential for consulting projects across industries.

Virtual Spaces (VR/AR Applications)

- Designed immersive applications to simulate real-world environments.
- Applied augmented and virtual reality frameworks, showcasing ability to learn cutting-edge technologies.

EDUCATION

Fulda Univerisity of Applied Sciences,
Global Software Development

10/2024 – 03/2027 | Fulda, Germany

Muffakham Jah Collage of Engineering & Technology,
B.E Infromation Technology

07/2019 – 08/2023 | Hyderabad, India

SKILLS

- **Programming Languages** — Java, Springboot, JavaScript, Python, SQL (Learning: ABAP).
- **Front-end Technologies** — React, Bootstrap, Material UI, Mantine UI, Angular (familiar).
- **Back-end Technologies** — Maven, Node.js, Express.js, Nest.js, Prisma, REST APIs, Nginx, Docker.
- **Tools & Platforms** —AWS, GitHub, Jira, Asana, Test automation basics (JUnit), CI/CD pipelines.
- **Databases** — MySQL, PostgreSQL, MongoDB.

CERTIFICATES

The Complete Full-Stack Development Bootcamp
By Dr.Angela Yu

MERN Full Stack Course
By Mr.Sudhakar Sharma

LANGUAGES

English
C1 - IELTS

German
B1

PUBLICATIONS

Augmented GPS Navigation: Enhancing the Reliability of Location-Based Services,
S.Fouzia Sayeedunnisa, Khaja Hameeduddin Saberi, Masood Ahmed Mohiuddin 

ORGANISATIONS

Horizon, Student Club, Chairperson

07/2022 – 06/2023

- Led a team of 20+ members in creating innovative projects, organizing technical events, hackathons, and student workshops, boosting student participation by 30%.

ACM – Association for Computing Machinery,
ACM Support Head

06/2021 – 08/2023

- Managed 10+ ACM events, including coding challenges, seminars, and conferences with 200+ attendees and coordinated venue, technical setup, and registrations, ensuring smooth event flow.
- Built partnerships with local communities, sponsors to bring guest speakers and judges.