MUHAMMAD AHSAN

Software Engineer | Full-Stack Developer | DevOps Specialist

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Berlin, Germany

WORK EXPERIENCE

Software Engineer - Internal Tools and Infrastructure   **June 2024 - Present**
Civilfleet-Support eV - Berlin
- Developed internal tools and dashboards using Next.js and Python, reducing manual reporting time by 30%
- Implemented and maintained Kubernetes, ArgoCD, and Traefik infrastructure, improving deployment efficiency by 25%
- Provided technical support for 50+ team members, resolving 95% of system issues within 2 hours

Junior Full-Stack Engineer   **September 2023 - April 2024**
Startrum
- Integrated GPT AI models into web applications, increasing user engagement metrics by 25%
- Built scalable web platform using Node.js, Next.js, and MySQL, serving 1,000+ monthly active users
- Implemented responsive UI components with TypeScript and React, improving mobile user experience

Junior Backend Engineer   **May 2022 - October 2022**
Secomind.AI
- Designed round-robin scheduling system used by 500+ teams, reducing scheduling conflicts by 40%
- Developed GraphQL API using TypeScript and MongoDB, improving query response time by 15%
- Collaborated with frontend team to optimize API integration and data flow

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java
Frontend Technologies: React, Next.js, HTML5, CSS3
Backend Technologies: Node.js, Nest.js, Express, GraphQL, REST APIs
Database Systems: MongoDB, MySQL, PostgreSQL, Redis
DevOps & Cloud: AWS, Kubernetes, Docker, ArgoCD, Linux, Traefik
API Integrations: OpenAI, Gemini, SendGrid, Algolia, Elastic Search
Testing Tools: Jest, Cypress, Vitest, Playwright, Mocha, Postman
Project Management: Git, GitHub, GitLab, Jira, Notion, Agile/Scrum

PROJECTS

Partner App | *Next.js, PostgreSQL*
- Created internal tool for managing non-profit partner funding and financial reporting

Helsingør Museum Chatbot | *AI, Next.js, TypeScript*
- Developed AI-powered web assistant for cultural history exploration

Metaroom E-Learning Platform | *Next.js, TypeScript, MongoDB, AWS*
- Built comprehensive e-learning solution with AWS cloud infrastructure

Tweet Sentiment Analysis System | *Python, NLP, Roberta*
- Analyzed 10,000+ tweets using advanced NLP model for sentiment classification

EDUCATION

M.Sc. in Artificial Intelligence   **April 2024 - Present**
Technical University of Cottbus (BTU), Germany
B.Sc. in Computer Science   **January 2019 - May 2023**
Sukkur IBA University (SIBAU)
- Achievements: Full Scholarship (2019-2023), 3rd Place in SumoWar Tech Competition (2023)