

Moneeb Ali Karrar

Software Engineer (Junior)

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Objective

Computer Science graduate with hands-on experience in full-stack development using Java (Spring Boot), Angular, and React. Experienced in building scalable REST APIs, secure authentication systems, and real-world applications through internships and academic projects. Seeking a junior software engineering role to contribute to impactful products and continue growing in backend and distributed systems.

Education

✓ **Jan/2023 - Feb/2026**

Bachelor of Engineering in International Faculty Of Engineering (Computer Science)

Lodz university of technology, Poland

- **CGPA:** 4.71/5

- **Thesis:** *Machine Translation for Low-Resource Languages using Deep Learning*

✓ **Summer 2026 -**

Active student in Master of Science in Artificial Intelligence

Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany

Programming Languages & Technical Skills

✓ **Programming Languages:**

Java, Python, C++, JavaScript, TypeScript

✓ **BackEnd development:**

Spring Boot, FastAPI, REST APIs, Spring Security, JWT

✓ **FrontEnd development:**

Angular, React, Flutter, HTML, CSS, Bootstrap

✓ **Databases:**

PostgreSQL, SQL Server, MySQL, Oracle, MongoDB

✓ **Tools:** git, Docker

Experience

✓ **Software Engineering Intern**

Becker Mining Europe GmbH - Saarbrücken, Germany

April 2025 - July 2025

- Developed software for a DAQ temperature testing system
- Built modules for configuration and data collection
- Worked in an international Agile team (European Project Semester)
- Gained experience in embedded systems and industrial R&D

Projects

- ✓ [Machine Translation for Low-Resource Languages \(Bachelor Thesis\).](#)
 - Developed a neural machine translation system for Arabic-Igbo using deep learning
 - Fine-tuned a multilingual Transformer model (M2M100) for low-resource translation
 - Built a full preprocessing pipeline for dataset cleaning, alignment, and filtering
 - Trained and evaluated models using BLEU and chrF metrics, achieving significant improvement over zero-shot baseline
 - Addressed challenges in low-resource NLP, including data scarcity and model generalization
- ✓ [No-Hate Foundation Website.](#)
 - Developed a full-stack platform using Spring Boot and React
 - Implemented secure REST APIs and JWT-based authentication
 - Designed a responsive user interface for accessibility and usability
 - Collaborated using Git and Agile development practices
- ✓ [Educational Platform Using LLM.](#)
 - Built a full-stack application using Spring Boot and Angular
 - Integrated a multilingual LLM for Polish grammar and spelling correction
 - Designed backend services for text processing and API communication
 - Demonstrated NLP integration in a real-world web application
- ✓ [HealthConnect: Full-Stack Medical Care Services.](#)
 - Built a full-stack application using Spring Boot, Angular, and PostgreSQL
 - Implemented secure authentication and authorization with JWT and Spring Security
 - Developed REST APIs for appointment booking and prescription management
 - Improved workflow for patients and doctors through role-based features
- ✓ [Pacman Game: C++ and OOP with Qt Library.](#)
 - Developed a desktop game using C++ and Qt framework
 - Implemented game logic including movement, collision detection, and scoring
 - Designed basic AI behavior for enemies
 - Applied object-oriented programming principles

Spoken Languages

- ✓ Arabic → Native
- ✓ English → Advanced (C1)
- ✓ Turkish → Advanced (C1)
- ✓ Polish → Beginner (A1)
- ✓ German → Beginner (A1)

Soft Skills

- ✓ Team collaboration in Agile environments
- ✓ Strong problem-solving and analytical thinking
- ✓ Attention to detail