BIRUK AMARE

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🪪 Permanent Residence: *Germany*

WORK EXPERIENCE

Software Developer 📅 Sep. 2024 – June. 2025
A and B Trading PLC 📍 Bremen, Germany

- Designed, developed, and optimized e-commerce web features using AngularJS/TypeScript, Java and Spring.
- Implemented change requests and added new features to enhance customer engagement, aligned with business needs.
- *Tech Stack*: AngularJS, Java, Spring, PostgreSQL, S3, CLI, Linux, Git, VS Code, Intellij IDEA, Maven, HTML, CSS, XML, RESTful Services, Postman, Cypress, Jenkins, CI, Jira, Confluence.

Software Developer 📅 Jun. 2022 – Jun. 2023
NördlicheDigitale GmbH 📍 Bremen, Germany

- Developed and enhanced software solutions for B2B e-commerce platforms, including the implementation of new product search pages and additional feature integrations.
- Front- and Back-end support using AngularJS/TypeScript, Java, Spring.
- *Tech Stack*: AngularJS, Java, Spring, HTML, CSS, Ant, Docker, XML, RESTful Services, Postman, IntelliJ IDEA, MySQL, Nginx, CLI, Git, Jira, Confluence.

Software Developer 📅 Oct. 2018 – Sep. 2020
Fricke Group 📍 Bremen, Germany

- Facilitated the migration to vertical-based development of different E-commerce subsidiaries.
- Developed object-oriented applications in Java, following SOLID, CI/CD, and clean code practices.
- Enhanced product detail pages by integrating new features using pattern library components.
- Managed installation, customization, and documentation processes.
- *Tech Stack*: Java, Coffeescript, HTML, CSS, NodeJS, ExpressJS, Mocha, Ant, Jenkins, XML, Spring, RESTful Services, Postman, IntelliJ IDEA, Apache SOLR, MySQL, MongoDB, jQuery, Nginx, Microservices, CLI, Git, Jira, Confluence.

WORK-STUDY EXPERIENCE

Working Student 📅 Dec. 2021 – Apr. 2022
Fraunhofer-Institut für Integrierte Schaltungen 📍 Erlangen, Germany

- Collaborated on a sentiment analysis (NLP) platform, enhancing the interface for a smoother user experience.
- Extended backend components and improved frontend visualizations to support efficient sentiment labeling workflows.
- *Tech Stack*: Docker, Vue.js, HTML, CSS, Python, Django, Jira and Confluence.

Teaching Assistant 📅 Feb. 2016 – Jun. 2018
Jacobs University 📍 Bremen, Germany

- Assisted in teaching, tutoring and grading for various courses like Communications, Communications Lab, Electronics, Electronics Lab, Digital Signal Processing and Applied Mathematics Lab.

Student Assistant 📅 May. 2016 – Aug. 2016
Max Planck Institute for Marine Microbiology 📍 Bremen, Germany

- Created Window Plugins for the Leaflet.js open source webGIS library.
- Developed object-oriented applications in JavaScript.
- Wrote user guides for the web tools developed.
- *Tech Stack*: JavaScript, Git and Gitbook.

EDUCATION

M. Sc. | *Computer Science*   📅 Oct. 2020 – Sep. 2024
Friedrich-Alexander-Universität Erlangen-Nürnberg   📍 Lugano, Switzerland
Università della Svizzera italiana   📍 Erlangen, Germany

B. Sc. | *Electrical and Computer Enginering*   📅 Sep. 2015 – Aug. 2018
Jacobs University   📍 Bremen, Germany

SKILLS

Programming Languages: Java, TypeScript, PHP, Python, C++, C

Frameworks & Libraries: NodeJS, ExpressJS, AngularJS, Django, Spring, REST, Leaflet.js

Databases & Data Management: MySQL, PostgreSQL, MongoDB, Apache SOLR, AWS S3

Tools & Platforms: VS Code, Docker, IntelliJ IDEA, Jira, Confluence, Postman, Eclipse, Celum

Build Tools: Ant, Maven

Version Control & CI/CD: Git, Jenkins, Continuous Integration/Continuous Delivery (CI/CD)

Methodologies & Practices: Clean Code, SOLID, Test-Driven Development (TDD), Behavior-Driven Development (BDD), Microservices, Design Patterns

Web Technologies: HTML, CSS, TypeScript, Coffeescript, Jquery, XML, Nginx

Operating Systems & CLI: Linux, Unix Terminal, MacOS, Shell Scripting

Testing: Cypress, Jasmine, Karma, Jenkins, JUnit, Mocha, Integration testing

Languages: English: Fluent (C2) · German: Advanced (B2)