Profile

Motivated Computer Science student at Friedrich Schiller University Jena, holding an international academic background and hands-on experience in software projects. Curious, adaptable and eager to master new technologies, I thrive on learning from experienced colleagues, mentors and challenging real-world projects.

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Technical Skills

- Programming: C, C++, Java, JavaScript
- Frameworks / Libraries: Angular, Ionic, Swing, .NET MAUI, CakePHP
- Web: HTML, CSS, REST APIs
- Databases: MySQL, SQLite
- Version Control & CI/CD: Git, GitLab, Docker, GitLab CI
- IDEs & Editors: Visual Studio, VS Code

Languages

- German C1
- English C1
- French Native
- Arabic Native

AHMED DHIA ELHAK BELLAGOUN

Computer science student

Project & Work Experience

SFK Tutoring App – Student Project (ongoing)
Friedrich Schiller University Jena – since 2025

- Building a multi-tenant web and mobile application that matches volunteer tutors with underprivileged pupils for the non-profit "Student Initiative for Children".
- Tech stack: Ionic, Angular, Docker, Node.js; backend built with CakePHP and documented via Swagger.

Ticket System – Integrative Project Management 2.0
Friedrich Schiller University Jena,March 2024 - July 2024

- Developed a web-based ticket management system in a team of four.
- Front-end: Vue.js & TypeScript.

EmailApp_Mile – Java Desktop E-mail Client (2023)

- Stand-alone desktop client created with JavaMail API and Swing.
- Secure SMTP/POP3 handling, configurable login and open-sourced after sanitising sensitive data.

Mill Game – Java Desktop App (2022)

- Implemented the classic board game "Nine Men's Morris" with Java & Swing.
- Integrated full game logic, move validation and two-player GUI.

Education

B.Sc. Computer Science
Friedrich Schiller University Jena
2020 – present

DSH Language Course (German B2/C1)
Friedrich Schiller University Jena
2019 –2021

Master Programme (2 semesters) – Industrial Risk Control
University of Batna 2, Algeria
2018 – 2019

B.Sc. Health, Safety & Environment (HSE)
University of Batna 2, Algeria
2015 – 2018