

Azhar Rahadian

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EDUCATION

TU Braunschweig

B.Sc, Informatik

April 2021 - Expected September 2025

Relevant Coursework: Software Engineering (1.3), Programmieren 2 (1.7), Algorithmen und Datenstruktur (2.0)

TECHNICAL SKILLS & PROJECTS

Programming: JavaScript, TypeScript, HTML, CSS, Python, SQL, C++

Libraries and Frameworks: React, Next.js, FastAPI, Tailwind CSS, Plotly, Prisma, Pandas, NumPy, Seaborn, CrewAI, MCP, Scikit-learn, Docker

Tools and Platforms: Git, Notion, VS Code, Cursor, PyCharm, Canva, Miro, Linux, Windows, Excel, Microsoft Office, Microsoft Azure, Agentic AI, HuggingFace, Generative AI

Solidify | Resume & Job Project

2025 - Now

- Engineered a full-stack web application using FastAPI, Next.js, and CrewAI that leverages multi-agent AI to provide comprehensive resume analysis and optimization using RAG, Prompt Engineering
- Built a scalable backend architecture with Async Database Engine, Docker containerization, JWT authentication, and PostgreSQL, supporting real-time resume versioning and AI-powered analysis

Voice Bot for Canton of St. Gallen | Start HACK Hackathon

March 2024

- Collaborated with a team of engineers, leveraging Python, GPT-4, RAG, Microsoft Azure, and Twilio to create a functional voice bot prototype for Canton of St. Gallen, enabling phone call-based citizen support for basic inquiries.

EXPERIENCE

Deutsches Zentrum für Luft- und Raumfahrt (DLR)

Braunschweig

Working Student Software Engineer

September 2024 - Now

- Addressed key usability issues in the Open-Source **ESID Project** and enhanced the interface by adding a dynamic horizontal line feature and generalizing the navigation menu, resulting in cleaner code, improved maintainability, and a more intuitive user experience.
- Established the project's Front-end foundation with VVAFER (Versatile Visual Analytics Framework for Exploration and Research) approach, AmCharts 5, and OpenLayers, enabling interactive harbor dashboard with map and real-time vector overlays.

LEADERSHIP & ACTIVITIES

PPI Jerman/Vereinigung Indonesischer Studenten e.V

Germany

Head of Information Technology Department

September 2023 - Now

- Lead a team of nine dedicated IT team members, managing and enhancing the organization's digital structure with strategic planning, team leadership, and technical acumen, ensuring effective collaboration with various departments as well as overseeing diverse technology initiatives.
- Developed a production-ready Full-Stack [census web application](#) that aimed at collecting data from Indonesian students across Germany, ensuring data privacy and security.