

MAXWELL ABOAGYE

Hamburg, Germany

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PROFESSIONAL EXPERIENCE

Operations Associate

Amazon

October 2024 - Present

Hamburg, Germany

- Built a browser extension using JavaScript that my 6-person team uses every day to communicate with delivery partners. The tool turns a 15-minute manual process into a one-click operation. Also added broadcast messaging so announcements reach all partners at once.
- Set up Grafana dashboards with custom Elasticsearch queries to track metrics.
- Day-to-day work involves monitoring 300+ delivery routes across Hamburg using Cortex, Mercury, and Excel to catch early dispatches, late departures, and customer access issues before they become problems
- Deployed the extension with a GitHub Actions CI/CD pipeline that runs automated tests.

Software Development Intern

EWO

September 2022 - March 2023

Bolzano, Italy

- Developed and maintained React.js web applications for enterprise clients using Redux for state management
- Wrote end-to-end tests with Cypress.io to ensure application reliability and catch bugs before production
- Collaborated in Agile team with daily standups, sprint planning, and Git-based code reviews

EDUCATION

Bachelor of Science in Computer Science

Free University of Bozen-Bolzano

Graduated October 2025

Bozen-Bolzano, Italy

Relevant coursework: Algorithms, Data Structures, Distributed Systems, Software Engineering

TECHNICAL SKILLS

Frontend

React.js, Next.js, React Native, TypeScript, JavaScript, HTML/CSS

Backend

Node.js, Convex, Spring Boot, Java, Python, PostgreSQL, MySQL, REST APIs

Cloud & DevOps

AWS (EC2, S3, Lambda), Azure, Docker, Kubernetes, Terraform, GitHub Actions, CI/CD

Data & Analytics

Excel (VBA, Macros), Grafana, Quickight, Elasticsearch, Tableau, Power BI

PROJECTS

Pista - AI Startup Pitch Evaluator (Bachelor Thesis)

[Live Demo](#)

- Built a Next.js web application for my bachelor thesis that helps startups get better feedback on their pitches. Uses OpenAI's API to score presentations across problem-solution fit, business model, pitch quality, and team capability.
- Integrated Whisper API for speech-to-text so founders can upload audio recordings of their pitches. Engineered the prompts to avoid score clustering (everything getting 7/10) and generate specific, actionable feedback.
- Backend runs on Convex with rate limiting to handle multiple concurrent evaluations without hitting API limits

Wordle Clone - React Native

[GitHub](#)

- Built a Wordle clone as a mobile app using React Native, TypeScript, and Expo, works on both iOS and Android
- Implemented the game logic with Context API for state management and AsyncStorage to save user statistics locally

Tourism Activity Data Analyzer

[GitHub](#)

- Built an ETL pipeline for a university project that processes 10,000+ tourism activity records from the Open Data Hub API using multithreaded Java
- Used Gson and Jackson for JSON parsing with schema validation to catch malformed data early

LANGUAGES

English (Native), German (B2), Italian (C1)