



Andy Mitchell

Software Engineer

CONTACT

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TECHNICAL SKILLS

Core Languages

Java, JavaScript

Databases

SQL, MySQL, JDBC, AWS RDS

Infrastructure

AWS EC2, Apache Tomcat, Azure

Frameworks

Spring (API, MVC, Security), Hibernate, React.js, Node.js, Express

Project Management

Jira, Agile development

Version Control

Git, Github

Operating Systems

Linux, Unix, Windows

Additional Tools and Skills

C#, Python, Visual Studio, Gradle, Maven, Arduino

LANGUAGES

🇬🇧 English - Native Language

🇪🇸 Spanish - Working Proficiency

TECHNICAL PROJECTS

• Cayapas Telemedicine Web and Android Application 🔗

Web application to support doctors working in indigenous and Afro-Ecuadorian communities based around the upper-Cayapas river, Ecuador. Custom API for access from Android app.

- Web app built with: Elixir, Phoenix, Ecto, Docker, Bootstrap, PostgreSQL
- Android app built with: Kotlin, Gradle, Android Studio

• Impact Tracker Web and Android Application 🔗

Connects to custom web API, allows users to view impact and add new life commitments.

- Built with: Java, Spring, Bootstrap, Gradle, Android Studio

• Babel Chat 🔗

Hack the South 2019 Hackathon project. Custom API, Integrates with Google Translate API to translate messages for up to three languages (English, Spanish and Mandarin).

- Built with: Java, Spring, Gradle, Azure
- Won both Best MVP and Best Icebreaker Application awards

WORK EXPERIENCE

2022-Today	Software Engineer <i>Actemium Automation</i> Worked as part of a small team for clients in the semiconductor industry	📍 Portsmouth, UK
2021-2022	Software Engineering Intern <i>Hovering Solutions</i> Working as a full-stack engineer to develop a web application to configure parameters for a drone. Developed using React.js and Node.js	📍 Madrid, Spain
2012-2021	Software Engineer <i>Cougar Automation</i> Responsible for writing and commissioning control systems software for customers in the utilities and semiconductor industries.	📍 Portsmouth, UK

EDUCATION

2020-2023	MSc Software Engineering <i>Universidad Politécnica de Madrid</i> Course Delegate Grade: 9.39/10	📍 Madrid, Spain
2018	Java Backend Bootcamp <i>CodingNomads</i>	📍 Playa del Carmen, Mexico
2016-2018	BSc Engineering and Management Studies <i>University of Portsmouth</i> First Class Honours	📍 Portsmouth, UK

VOLUNTEER EXPERIENCE

2022-2023	Software Engineering Intern <i>Amigos del Cayapas Association</i> Work included development and rollout of a telemedicine application, including giving presentations and usability testing with local doctors.	📍 Esmeraldas, Ecuador
2015	Community Development Volunteer <i>Raleigh International</i> Volunteer work was split into two phases, three weeks working with a developing community in Nicaragua and three weeks working to aid conservation efforts in a National Park in Costa Rica.	📍 Costa Rica/Nicaragua