



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, Docker

FRAMEWORKS

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

PROJECT MANAGEMENT

Jira, Trello, Agile development

VERSION CONTROL

Git, Github, GitLab

OPERATING SYSTEMS

Linux, Unix, Windows

ADDITIONAL TOOLS & SKILLS

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








LANGUAGES

English (Native Proficiency)
Spanish (Working Proficiency)

OTHER INTERESTS

Travel
Languages
Climbing
Reading

TECHNICAL PROJECTS

- **CAYAPAS TELEMEDICINE WEB & ANDROID APPLICATION** -  
Web application to support doctors working in indigenous and Afro-Ecuadorian communities based around the upper-Cayapas river, Ecuador. Custom API allows access from Android app.
 - Web app built with: Elixir, Phoenix, Ecto, Docker, HTML/CSS/JS, Bootstrap, PostgreSQL
 - Android app built with: Kotlin, Gradle, Android Studio
- **IMPACT TRACKER WEB & ANDROID APPLICATION** -   
Web application to track environmental impact based on life commitments. Custom API to allow access from Android app.
 - Web app built with: Java, Spring, Gradle, Spring Security, EC2, RDS, HTML/CSS/JS, Bootstrap, MySQL
 - Android app built with: Java, Spring, 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 - PRESENT ● **ACTEMIUM AUTOMATION**
SOFTWARE ENGINEER
Working as a software engineer responsible for developing and commissioning control systems and .NET applications using C# and VB
- 2021 ● **HOVERING SOLUTIONS**
SOFTWARE ENGINEERING INTERN
Working as a full-stack engineer to develop a web application to configure parameters for drones. Developed using React.js and Node.js
- 2012 - 2021 ● **COUGAR AUTOMATION**
SOFTWARE ENGINEER
Responsible for writing and commissioning control systems software for customers in the utilities and semiconductor industries. Received excellent feedback from clients, with net promoter feedback scores of 10/10 from several clients

EDUCATION

- 2020 - PRESENT ● **EUROPEAN MASTER'S IN SOFTWARE ENGINEERING**
UNIVERSIDAD POLITÉCNICA DE MADRID - MADRID, SPAIN
Current grade: 9.2/10
- 2018 ● **JAVA BACKEND ENGINEERING BOOTCAMP**
CODINGNOMADS - PLAYA DEL CARMEN, MEXICO
- 2016 - 2018 ● **BSC (HONS) ENGINEERING AND MANAGEMENT**
UNIVERSITY OF PORTSMOUTH - PORTSMOUTH, UK
Graduated with first class honours

VOLUNTEER EXPERIENCE

- 2022 ● **AMIGOS DEL CAYAPAS ASSOCIATION**
VOLUNTEER SOFTWARE ENGINEER
Work included overseeing the rollout of the telemedicine application, including giving presentations and usability testing with local doctors.
- 2012 ● **RALEIGH COSTA RICA & NICARAGUA**
COMMUNITY DEVELOPMENT VOLUNTEER
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.