Andy Mitchell

I am an enthusiastic and keen software engineer who is always looking for a new challenge.

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TECHNICAL PROJECTS

Impact Tracker— Web application to track environmental impact based on life commitments. Custom API to allow access from Android app.

- Built with: Java, Spring, Gradle, Spring Security, EC2, RDS, HTML/CSS/JS, Bootstrap, MySQL
- https://github.com/amitchell94/impact-tracker

Impact Tracker Android App — Connects to custom web API, allows users to view impact and add new life commitments.

- Built with: Java, Spring, Gradle
- https://github.com/amitchell94/impact-tracker-android

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
- https://github.com/amitchell94/hackathon-language-api
- https://devpost.com/software/babel-chat

WORK EXPERIENCE

Cougar Automation — Portsmouth, UK — *PLC Software Engineer*
AUG 2012 - FEB 2021

- Responsible for writing and commissioning control systems software for customers in the utilities and semiconductor industries.

EDUCATION

Universidad Politécnica de Madrid — Madrid, Spain — *European Master in Software Engineering*
SEP 2020 - PRESENT

CodingNomads — Playa del Carmen, Mexico — *Java Backend Engineering*
AUG 2018 - DEC 2018

University of Portsmouth — Portsmouth, UK — *BSc (Hons) Engineering and Management Studies*
SEP 2016 - JUL 2018

- First class honours

VOLUNTEERING EXPERIENCE

Raleigh International — Costa Rica and Nicaragua — *Community Development Volunteer*
JUL 2015 - SEP 2015

TECHNICAL SKILLS

Core Language
Java

Databases
SQL, MySQL, JDBC, AWS RDS

Infrastructure
AWS EC2, Apache Tomcat, Azure

Frameworks
Spring (API, MVC, Security), Hibernate

Project Management
Jira, Agile development

Version Control
Git, Github

Operating Systems
Linux, Unix, Windows

Additional Tools & Skills
Gradle, Arduino

LANGUAGES

English
(Native proficiency)
Spanish
(Conversational proficiency)

OTHER INTERESTS

Travel
Languages
Climbing