Andrew Baxter

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Profile

A full stack software engineer with 20 years of experience, including business analysis and product management. Passionate about building software solutions from concept to implementation using React for frontend, and Python, Kotlin, Corda, Java, TypeScript and Rust for backend development over a RESTful API. Proficient in deployment using Docker, Kubernetes, AWS, Azure and GCP. Experience with blockchain, machine learning, and IoT. Adept at Agile development practices.

Education

BSc	**Bournemouth University**, Business Information Technology	Bournemouth, UK
	• Sponsored by Panasonic	Sept 1995 – Sept 1999

Skills

Programming: Proficient with Python, Kotlin, Java, C, TypeScript, JavaScript, Rust, and C#

Frameworks: React, FastAPI, Django, Flask, Corda, Dagster

DevOps: Docker, Kubernetes, AWS, Azure, GCP, Git, GitHub Actions, GitLab

Blockchain: Corda, Ethereum, Hyperledger

Databases: Postgres, MySQL, MongoDB, DynamoDB, Firestore

Languages: English (native)

Portfolio

AI Food Securities Data Platform (Armakuni) AI food securities data platform for the UAE • Dagster, Python, C#, JavaScript, Docker, Kubernetes, Azure, and Postgres.	London, UK 2025
Auth0/AWS Cognito Embedded Single Sign-On Federated identity solution for embedding Sage product • Developed federated identity solution for embedding Sage product.	Brighton, UK 2022 – 2023
Telco Roaming Reconciliation (BCE) Platform • Built production-grade solution for roaming reconciliation using Corda blockchain.	London, UK
Secure Contacts Application (Harper Collins) • Developed secure author contacts database using React, FastAPI, and MongoDB.	London, UK 2021 – 2022
Identity Management Layer (NCSC CyberFirst) • Developed identity management platform using React, Python, and AWS Cognito.	London, UK 2020 – 2021

Experience

Armakuni, Senior Software Engineer Fullstack developer for an AI food securities data platform for the UAE. • Dagster, Python, C#, JavaScript, Docker, Kubernetes, Azure, Postgres	London, UK Nov 2024 – present
Tandem Technology Solutions, Senior Software Engineer • Led development for blockchain-based data reconciliation platform. • Technologies: React, Python, Kotlin, JavaScript, Docker, Kubernetes, GCP	London, UK 2022 – 2024

- Migrated from Azure to AWS and then to GCP over the lifetime of this project on the client's request

Sage, Senior Software Engineer   Brighton, UK   2022 – 2023
- Developed secure single sign-on embedded capability.
- Technologies: React, Python, FastAPI, Django, Postgres, AWS Cognito

Harper Collins, Senior Software Engineer   London, UK   2021 – 2022
- Developed a secure author contacts database.
- Technologies: React, Python, FastAPI, MongoDB, OAuth 2.0, OpenID Connect, Docker

Zaizi Ltd, Senior Software Engineer   London, UK   2020 – 2021
- Led development for identity management software for NCSC CyberFirst.
- Technologies: React, Python, Flask, AWS Cognito, MySQL, DynamoDB, Lambda

Fifth9 Ltd, Senior Consultant - Full Stack Developer   London, UK   2017 – 2020
- Developed blockchain projects and consulted for telco and GDPR teams.
- Technologies: React, Python, Kotlin, Java, AWS, Docker, Kubernetes

Vodafone, IoT Business Analyst   Newbury, Berkshire, UK   2013 – 2017
- Managed business requirements for Vodafone's IoT product portfolio.

Nokia, Product Owner   Farnborough, UK   2009 – 2011
- Managed the Social Phonebook software product and led technical discussions with Facebook and Twitter.

Nokia, Nokia S40 Camera Software Team Leader   Farnborough, UK   2008 – 2009
- Led a team responsible for camera software driver development.

Nokia, Embedded Software Engineer   Farnborough, UK   2003 – 2008
- Developed embedded software for the IrDA protocol stack and S40 camera systems.

Panasonic, Embedded Software Engineer   Thatcham, Berkshire, UK   1999 – 2003
- Developed LLC layer for the GPRS protocol stack.