

Arkadiusz Kupracz

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PROFILE

I am a self-motivated Software Engineer with two years of experience in software development and background in Computer Science. I have good analysis, communication and problem-solving skills, and take ownership of issues, planning and organising tasks to meet project deadlines. I work well independently and as part of a team.

TECHNICAL SKILLS

- **Programming:** Python (proficient), Java (past proficiency), familiar with C#, Powershell, Kotlin, Javascript, C and C++
- **DevOps:** Proficient with Jenkins, Docker, Kubernetes and git; familiar with Azure and OpenStack
- **Databases:** Acquainted with SQL, relational databases - SQLite3, object relational mappings - Room Persistence Library, and NoSQL key value data stores - Firebase Realtime Database

CAREER HISTORY

Citrix, Software Engineer
DevOps and Automation Team

Cambridge (remote)
July 2021–April 2023

- Developed a Python API wrapper that served as the foundation for a large-scale project, resulting in a cost reduction in testing company's products.
- Implemented a Kubernetes-based service using the team's architectural design, integrating multiple external and internal services and APIs such as HashiCorp Vault or OpenStack.
- Successfully planned a program increment and individual sprints while managing Jira tasks as a Scrum Master, ensuring project milestones were met on time.
- Stepped in to host and lead meetings for two teams in the absence of the project manager, ensuring project progress and team collaboration.
- Contributed to a hackathon that resulted in the development of a smoke testing service, accelerating the work of another team and reducing testing time to minutes instead of hours.
- Proactively updated dependencies for tens of repositories in response to emerging vulnerabilities, including log4shell, using various dependency managers such as Maven, Gradle, Nuget, and Pip.
- Effectively communicated and presented our teams accomplishments to other teams, fostering cross-team collaboration and knowledge sharing.

EDUCATION

University of Southampton, BSc in Computer Science, 2:1

Southampton
2018–2021

Relevant modules with project component include:

- **Software Engineering Group Project:** Initiated contact, commenced discussions and delegated tasks. Contributed to team organisation by composing agile boards on Trello. Applied UML diagramming to design applications back-end
- **Cloud Application Development:** developed web application using Node.js running on Microsoft Azure
- **Data Management:** Deployed and managed TripAdvisor's data over a self-designed relational database

East Berkshire College

A Levels: Maths(A*), Further Maths(A*), Physics(A); 7 GCSEs at A-C grade
Best in School certificate in the UKMT Senior Mathematical Challenge

Windsor
2015–2018

PERSONAL PROJECTS

- **Workout Planner** (Java for Android): Planning workouts and tracking strength progression
- **Shared Shopping List** (Kotlin for Android): Sharing shopping lists in real-time

INTERESTS

- **Gaming:** Attained the third and fourth positions globally in competitive events for action role-playing games
- **Music:** Self taught music theory, playing digital piano and producing music in FL Studio