

Michael Percival

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Work Experience

Oracle

2023 - Oct 2025

Senior Software Engineer within Oracle Health, responsible for architecting and delivering critical healthcare integration services.

Led the design and implementation of several Java backend services interfacing with the 'OHPAS' patient administration system, creating a unified integration layer that modernized healthcare data across the platform.

Led frontend development of a Gantt-style scheduling interface using React, improving operational efficiency for patient scheduling workflows. Integrated machine learning capabilities into backend services to optimize scheduling resource allocation.

Provided technical leadership through mentoring junior engineers via pair programming, and maintained system reliability through on-call rotation supporting production deployments and customer SLA commitments.

Cerner

2014 - 2023

As a Software Engineer, I worked closely with Oxford University Hospitals trust to design and implement a new patient administration system, where I created and maintained new REST services for managing appointments, as well as designing and implementing the front end solution.

Primary responsibilities included architecting front-end framework decisions and designing key back-end service changes in order to successfully adapt our solution for Swedish markets.

Schlumberger

2012 - 2013

Worked a year long internship on software solutions to assist field engineers design drills for oil wells; worked primarily in C# to add software enhancements as well as Python.

Skills

Core Skills

Java, TypeScript, SQL, OpenAPI, Micronaut, React, Redis, Mockito, Docker, Kubernetes, Linux, Git, TDD, Agile

Additional Experience

Bash, Ruby, JPA, Playwright, JIRA, Webpack, Jenkins, Python

Education

University

2010 - 2014

BSc. Computer Science - Nottingham Trent University.

Dissertation: 1st, Final grade: 2:1

References

Available upon request.