Personal details

Name
Michael Seymour

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Programming Languages

Python

Java

C++

Skills

- Software Development
- Object-Oriented Programming (OOP)
- Algorithm Design and Analysis
- Database Management
- Systems Architecture
- Software Testing and Debugging
- Agile Development
- Technical Documentation

Education

Master of Science in Computer Science, Imperial College London, UK, 2017

- Dissertation: Machine Learning Algorithms for Sentiment Analysis in Social Media.

Bachelor of Science in Computer Science, University of Manchester, UK, 2014

- Relevant Coursework: Data Structures, Operating Systems, Software Engineering.

Michael Seymour

Results-driven computer scientist with +5 years of experience as a Senior Software Engineer. Passionate about technology with a deep understanding of software development principles and leading teams to implement cutting-edge solutions. Leverage strong analytical abilities and problem-solving skills to deliver efficient and scalable software that meets business needs and exceeds user expectations.

Technical skills

- **Web Technologies:** HTML, CSS, JavaScript, React
- **Database:** MySQL, MongoDB
- **Version Control:** Git
- **Cloud Services:** Amazon Web Services (AWS), Microsoft Azure
- **Operating Systems:** Windows, Linux, macOS
- **Software Development Tools:** IntelliJ, Eclipse, Visual Studio Code

Work experience

Senior Software Engineer, EZ Tech Solutions - London, UK, 2020 - Present

Lead a development team using React and Python. Participate in Agile methods, contributing to sprint planning, backlog grooming, and sprint retrospectives. Collaborate with cross-functional teams to design and implement scalable microservices architecture. Conduct code reviews and mentor junior developers, fostering continuous learning and code quality improvement.

- Successfully led a cutting-edge web application, revamping user interface, resulting in a remarkable 65% increase in user engagement and a boost in customer satisfaction.
- Led team to design and implement a scalable microservices architecture, seamlessly integrating cross-functional teams and achieving an impressive 30% reduction in system downtime.

Software Engineer, FC Software Solutions - Manchester, UK, 2018 - 2020

Developed and maintained backend systems for a cloud-based SaaS platform, prioritising system stability and efficiency to deliver a high-performance user experience. Collaborated closely with UI/UX designers to build responsive web applications, ensuring seamless user experiences across various devices and screen sizes.

- Improved system performance by optimising backend systems, achieving 15% reduction in response time, leading to a more responsive and satisfying user experience.
- Successfully implemented unit tests and automated integration tests, resulting in 20% increase in code coverage and a significant reduction in production defects.
- Enhanced the continuous integration and deployment pipeline, enabling faster and more reliable releases, ensuring quicker updates and improved platform stability.

Certifications

AWS Certified Developer - Associate, 2022
Certified Scrum Master (CSM), LearningLean, 2021