

Zane Mehdi- Curriculum Vitae

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OBJECTIVE

Dynamic and innovative software developer with expertise in full-stack development seeks to contribute to a challenging and creative environment. Offers extensive experience in developing scalable web applications and a comprehensive understanding of the software development lifecycle.

EDUCATION

Kings College London,

Bachelor of Sciences in Computer Science, First Class Honours

September 2020 – May 2023

Rooks Heath College,

A Levels - AAB (Mathematics, Computer Science, Sociology),

September 2013 – June 2020

WORK EXPERIENCE

Software Developer

PulseLive (<https://www.pulselive.com/>)

September 2023 – Present

- Engineered web and server-side solutions with Node.js and Java (Spring and Maven), significantly enhancing application efficiency and user experience.
- Led the implementation of Memcache and SQL for data optimization, playing a pivotal role in the creation of internal services, such as the company website and an organizational chart application.
- Utilized AWS, Docker, and OpenAPI to improve deployment workflows, and actively contributed to Agile processes, employing tools such as Jira, Bitbucket, and SonarCloud.
- Spearheaded testing initiatives to ensure the highest quality of web and server-side applications, incorporating comprehensive full-stack development practices.
- Gained profound knowledge in the software development lifecycle, from conception to deployment, emphasizing continuous integration and delivery processes.

Technology Intern

Data Glacier (<https://www.dataglacier.org/>)

July 2022 – October 2022

- Spearheaded a data analysis project to identify optimal investment opportunities using Python and Jupyter, presenting findings to stakeholders.
- Developed a predictive analytics website utilizing Python and Flask, showcasing innovative problem-solving skills in machine learning.

Technology Intern

Bright Network (<https://www.brightnetwork.co.uk/>)

July 2021 – August 2021

- Gained hands-on experience with cloud computing (AWS), React for UI development, and explored various software testing methodologies.
- Initiated a technology consulting project, producing a comprehensive proposal to address key business objectives, utilizing Java and TDD practices.

Programming Instructor

Learning Leap Education

March 2017 – March 2020

- Designed and delivered a web development curriculum for young adults, fostering a passion for programming and technology among students.

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PROJECTS

Personal Website: <https://zanemehdi.netlify.app/> (for additional information and projects)

URL Shortener

Developed a custom URL shortening service using Python, SQLite, HTML, and CSS, demonstrating web development and database management skills.

Bicycle Hire App

Created a mobile app with Flutter for London's bicycle hire system, implementing API integrations for enhanced navigation.

Scroller Survival Game

Engineered a computer science-themed quiz game using Python, Pygame, and SQL, showcasing skills in OOP and database management.

QUALIFICATIONS

JPMorgan Chase

Software Engineering Virtual Experience

April 2021

Focused on financial data visualization using Python, React, TypeScript, and JavaScript.

Goldman Sachs

Engineering Virtual Experience

August 2021

Developed insights on password security and hashing algorithms.

TECHNICAL SKILLS

Languages: Python, Java, SQL, HTML, CSS, JS

Technologies: Node.js, Spring, Maven, Docker, AWS, Flutter, React

Tools: Jira, Bitbucket, Git, SonarCloud