





M. Hasan

Software Engineer

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PROFILE

I am a software engineer with a year of professional SWE experience at J.P. Morgan Chase & Co.

Specialising in Java development, with a solid foundation in OOP principles and experience in the complete software development life cycle. I am excited to contribute my skills and enthusiasm to a dynamic team, eager to learn and grow professionally.

EXPERIENCE

WILEY EDGE | CONSULTANT AT J.P. MORGAN CHASE

Aug 2022 – Aug 2023 | London, UK

- 1 year placement as a Software Engineer at JP Morgan Chase, London, within Equity Derivatives Technology.
- Developed & maintained RESTful web services using Java & Spring Boot, effectively delivering scalable & efficient solutions.
- Contributed to the successful upgrade of over 50 repositories to Gradle 6, Gradle Enterprise, & Java 11 while performing code refactoring to ensure compatibility and maintainability.
- Led vulnerability management, actively identifying & resolving vulnerabilities. Collaborated closely with teams to address issues promptly, ensuring project meets security requirements.
- Developed customised automation scripts, including ones utilised by release managers, resulting in time & effort savings during the release process.

PROJECTS

REAL-TIME POLLING SYSTEM | PHP, JAVASCRIPT

- Designed and implemented a live polling system as a final year project, aimed at elevating student engagement within university settings.
- Implemented Web Sockets to introduce real-time updates, fostering instantaneous communication between students and educators.
- Utilized an array of technologies including Laravel (PHP), JavaScript, CSS, Bootstrap, and MySQL to create a robust and responsive web application.

AUTOMATED SOCIAL-MEDIA CONTENT CREATION | PYTHON, REACT

- Automated web application for social media content creation, processing Twitter or TikTok links to generate watermarked images and videos.
- Implemented features like text caption placement, video resizing, and direct email delivery of media to users.
- Utilized a tech stack including Python (Flask, Pillow, etc.), React, CSS, TailWind, Twitter API, and MySQL to optimize media for Instagram posting.

SKILLS

PROGRAMMING LANGUAGES

Experienced:

Java • Python

Familiar:

JavaScript • SQL • Scala • CSS • HTML • Groovy • Shell

LIBRARIES/Frameworks

React • Spring Boot • Flask • JUnit • Laravel • Maven • Gradle

DEVELOPMENT TOOLS

Git • Docker • Jenkins • Microservices • API Design • OOP • Confluence • Jira • TeamCity • SonarQube • BitBucket • Devshell • TestSight • Putty

EDUCATION

ASTON UNIVERSITY

BSc (HONS) COMPUTER SCIENCE

2017 - 2021 | Birmingham, UK

School of Engineering and Technology

Upper Second-Class

INTERESTS

Interested in entrepreneurship and ecommerce. Previously ran a small niche jewellery business.

Manage Instagram profiles with 1 mil+ followers, collaborating with businesses and established artists to enhance their social presence.