Haroun Kassouri

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PROFESSIONAL SUMMARY

Final-year Computer Science student with hands-on experience as a Full Stack Software Engineer Intern, specializing in scalable web applications and process automation. Proficient in Java, JavaScript, Node.js, and Oracle, with expertise in code reviews, version control, and large codebases.

WORK EXPERIENCE

Full Stack Software Engineer Intern   Jan 2024 – Aug 2024
Dep. Agriculture, Food and Marine   Kildare Street, Dublin

- Led the implementation of a digital onboarding process using Angular and Oracle, significantly reducing onboarding time and resources, while streamlining integration for thousands of future employees.
- Contributed to the migration of critical forms from PAM to Kogito, enhancing submission rates and improving internal communication through automation.
- Digitalized essential company forms, improving workflow efficiency by integrating Angular with Node.js for managing server-side logic.
- Collaborated on UAT and SIT and participated in code reviews for successful deployments using GitHub and JIRA, resulting in a significant drop in post-launch bugs.
- Participated in cross-functional requirement gathering meetings, driving increased client satisfaction.

PROJECTS

Full Stack Movie Website| React, Typescript, Node.js, Express.js, Rest API, Docker   Sep 2024

- Created a fully specified REST backend with Node.js, Express.js, and PostgreSQL.
- Implemented a responsive frontend using React and Next.js, implementing a MVVM architecture.
- Created an intuitive, user-friendly interface for browsing movies with advanced filtering options and dynamic content loading.

The Maze Game| Python, C, Assembly Language, Git, Keil IDE   Jan 2023

- Developed a 2D maze game for a microprocessor, optimizing performance with C and assembly language.
- Integrated bitmap-to-machine code conversion using Python for smooth TFT display graphics rendering.
- Implemented real-time game mechanics and optimized error handling for enhanced user interaction.

Personal Portfolio| React, JavaScript, Tailwind CSS, Email.js   Aug 2024

- Developed a personal resume website showcasing projects, skills, and achievements, using React and Tailwind CSS for responsive design.
- Integrated Email.js for contact form functionality, enabling potential employers to easily reach out.

TECHNICAL SKILLS

Languages | Java, Python, Typescript, JavaScript/HTML/CSS, C, SQL, Bash.
Frameworks | React, Django, Spring Boot, Flask, Angular, Express.js, Node.js.
Developer Tools | Git, Docker, Jenkins, JIRA, Gradle, Maven, Linux.

EDUCATION

Technological University Dublin   Sep 2021 – May 2025
BScs (Hons) Computer Science (Infrastructure)   Grange Gorman, Dublin
Expected Result: 1.1 First Class Honours