Gus Shaal

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Location: Tallaght, Dublin 24 | **GitHub:** github.com/GusTheProgrammer 24 | **Website:** GusTheProgrammer.github.io

ABOUT ME

Recent graduate from Technological University Dublin Tallaght with a degree in Computing. I have successfully transitioned into a full-time role as an Associate Software Engineer, where I continue to refine and expand my full stack development skills. My academic journey, coupled with recent work experience, has equipped me with a solid foundation in software development, and I am eager to contribute and grow in my professional career.

TECHNICAL SKILLS

- Proficient in Python, Java, JavaScript, and familiar with web development frameworks like Spring Boot, Angular, and Django.
- Strong foundation in Object-Oriented Software development, Agile methodologies, and RESTful web application creation.
- Experience with various database technologies including Redis and implementing real-time communication with WebSockets.
- Capable of deploying web applications using cloud services, managing repositories with version control systems, and creating CI/CD pipelines.
- Knowledge of containerization technologies, virtual machines, Linux, and creating visually appealing front-end interfaces.
- Experience with Backstage for enhancing internal developer productivity and collaboration.
- Currently working with the Camunda engine for process automation and orchestration.
- Understanding of AtScale platform and semantic layer concepts.
- Excellent analytical and troubleshooting skills.

WORK EXPERIENCE

Associate Software Engineer   JAN 2024 – PRESENT
Fidelity Investments | Dublin, Ireland

- Completed a comprehensive full stack training program, gaining proficiency in Java, Spring Boot, Angular, and Node.js.
- Gained hands-on experience with Backstage, enhancing internal developer productivity and collaboration.
- Currently working on a product built with the Camunda engine, focusing on process automation and orchestration.

Software Engineering Intern   JAN 2023 – AUG 2023
Fidelity Investments | Dublin, Ireland

- Developed an onboarding metadata automation tool for Collibra using Spring Boot, following agile practices and code reviews.
- Created a Python script to collect telemetry data from the AtScale tool, providing data for visualization and analysis.
- Gained proficiency in understanding the AtScale platform, semantic layer concepts, and data lakes like Snowflake.
- Worked on a project with a group of interns to redesign a local charity's website using React, adhering to modern design guidelines to increase the charity's brand visibility.

Research Volunteer   MAY 2021 - SEP 2021
CSinc – TUD Tallaght | Dublin, Ireland

- Examined and enhanced learning materials to improve content delivery.
- Researched and implemented innovative methods of delivering highly technical content.

EDUCATION

BSc in Computing with Software Development (3.5 GPA)   SEP 2020 – PRESENT
Technological University Dublin Tallaght Campus

Academic Project:
Developed a workforce management application featuring shift management, holiday planning, time off tracking, and team scheduling. Utilized NextJs, Prisma, Postgres, Docker, Shadcn UI, and Tailwind CSS to create a user-friendly interface ensuring efficient resource allocation and performance tracking.

ACHIEVEMENTS

- TUH Hackathon Winner 2023: Awarded for the Best Future Solution category.
- WorldSkills Cloud Computing Competition Winner 2022.

INTERESTS

Tabletop Games | Travelling | Working out

REFERENCES

Available on request.