Rahul Krishna Eragarla

Dublin, Ireland

Software Engineer

eragarlarahulkrishna@gmail.com | linkedin.com/in/rahulkrishnaeragarla/ | rkj3001.github.io/krishna/
github.com/rkj3001 | +353 899741408

PROFESSIONAL SUMMARY

Full Stack Developer with **2** years of hands-on experience in designing, developing, and deploying robust web applications. Proficient in **Java** with a strong foundation in front-end and back-end technologies, including **Spring Boot, JavaScript, MySQL and React**. Demonstrated ability to collaborate with cross-functional teams, optimize application performance, and ensure seamless user experiences. Adept at problem-solving, with a keen eye for detail and a passion for delivering high-quality software solutions in fast-paced environments.

PROFESSIONAL EXPERIENCE

Program Analyst   **Mar 2022 - july 2024**

Excelacom Technologies Private Limited

Worked as java full stack developer / engineer in a telecom-based product company creating configuration tools with BPMN to build functional web pages through configuration.

- Enhanced the configuration tool with Business Process Model and Notation (BPMN) which provides a graphical representation of business workflow and can configure the business model.
- Created an API using java, Spring boot, to support the dynamic load management system, enhancing its functionality and performance.
- Worked directly with UI team to develop new features, web pages and customized existing platform based on the requirements to maintain optimized and scalable development practices.

Achievements: Developed a JSON schema validator and Template creation tool to create APIs for the BPMN 2.0 tool to integrate in the working environment in Excelacom technologies.

TECHNICAL SKILLS:

Programming Languages :	Java, SQL, JavaScript
Front-end (frameworks):	HTML, CSS, React.js(Foundational knowledge}
Back-end frameworks:	Spring Boot
Database:	MySQL

EDUCATION

Master of Science, Computing   **2023 - 2024**

Dublin City University

Thesis: The "Blockchain Sentinel: A comprehensive framework for Smart Contract Security and Tool Modularity" introduces an integrated approach using Mythril, Slither, and ChatGPT to enhance the accuracy, efficiency, and usability of smart contract vulnerability detection.

Bachelor of Technology, Computer Science and Engineering   **2018 - 2022**

Vel Tech Multi Tech Rangarajan and Sakunthala Engineering college,

PROJECTS

NFT Creation and Minting on Solana: Develop a web platform for generating and minting unique NFTs on the Solana blockchain. Users can purchase these NFTs, which are created by assembling image segments with varying textures and colors using a tool built with Node.js, Solidity, React, and APIs.

Blockchain Sentinel for Smart Contract Security: Create a modular tool to detect vulnerabilities in smart contracts, emphasizing storage functionality in Chrome for ease of use. The tool, built with Java, JavaScript, React, HTML, and CSS, ensures adaptability and security in blockchain ecosystems.

REFERENCES

Available upon request.