Kimaren Naidoo

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Summary

A passionate and hardworking Software Engineer with a strong interest in software development, DevSecOps, cybersecurity, and IT infrastructure. Technologically adept with a solid foundation in programming, systems thinking, and problem-solving. Committed to continuous learning and self-improvement - I consider myself a lifelong student, always eager to stay up-to-date with the latest technologies and best practices. Known for my consistency, strong work ethic, and positive attitude. Ready to contribute my skills and motivation to support the company's goals, while growing as a well-rounded engineer in both development and operational domains.

Work Experience

SOLIDITECH (PTY) LTD — *Cape Town, South Africa*

Software Engineer   (2023 – Present)
Junior Software Engineer   (2021 – 2023)
Full Stack Engineer – *Business Automation for ISPs across Africa*

- Designed and developed end-to-end business automation software for Internet Service Providers using Java, Vue.js, and SQL.
- Delivered clean, user-friendly interfaces and intuitive user experiences in close collaboration with clients.
- Implemented complex, customer-specific solutions across backend and frontend systems.
- Optimized application performance on both the server and client side to ensure high availability and responsiveness.
- Contributed to all stages of the software development lifecycle, including planning, development, testing, and deployment.
- Participated in DevOps workflows and supported CI/CD pipelines to streamline deployment and improve release cycles.

Education

UNIVERSITY OF KWA-ZULU NATAL, KZN, RSA   (2018 – 2020)
Bachelor of Science Computer Science and Information Technology (BScCSIT)

- Awarded Deans Commendation (A symbol) for Semester 1 of 2020.
- Awarded Deans Commendation (A symbol) for Semester 2 of 2020.

EFFINGHAM SECONDARY SCHOOL, KZN, RSA   (2013 – 2017)
National Senior Certificate with Distinctions

- Achieved 80% and above in the following subjects: Accounting, Life Science (Biology), Life Orientation.

Skills and Certifications

- Proficient in Java, VB.Net, and C++ programming languages.
- Practical knowledge in object-oriented programming (OOP) and system analysis, architecture and design (SAD).
- Experienced with HTML5, CSS3, SCSS, JavaScript, JSP, Vue.js, and Astro.
- Skilled in working with REST APIs and building responsive, interactive web applications.
- Proficient in SQL and familiar with MySQL.

- Exposure to Object Relational Mapping (ORM) tools such as Hibernate, and servlet containers like Tomcat.
- Hands-on experience with AWS (Certified Cloud Practitioner).
- Familiar with CI/CD pipelines, Bash scripting, Linux systems, and version control tools (Git, GitHub/GitLab).
- Foundational understanding of cloud security principles, access management, and secure coding practices.
- Exposure to cybersecurity concepts such as threat modelling, network security, and vulnerability assessment.
- Obtained the Oracle Certified Associate, Java SE 8 Programmer Certificate.
- Obtained AWS Certified Cloud Practitioner Certificate.
- Strong background in mathematics, including statistics and calculus.
- Excellent collaboration and communication skills, with experience in agile teams.

Project Experience

- Built and deployed a personal portfolio website using HTML5, CSS3, SCSS, and JavaScript. Showcases personal projects, resume, and contact information. www.kimarennaidoo.org
- Designed and programmed an arcade-style game in Java, where the player dodges moving obstacles. Focused on event handling, animations, and game logic.
- Developed a classic brick breaker game using Java. Implemented collision detection, score tracking, and increasing difficulty levels.
- Created various responsive front-end projects using HTML5, CSS3, SCSS, and JavaScript, experimenting with layout techniques, animations, and UI design patterns.
- Collaborated with peers to build a math-based quiz game in C++, focused on enhancing arithmetic skills and user engagement.
- Worked with a team to design and develop a full-featured POS system using C#, ASP.Net, and SQL. Included inventory management, sales processing, and reporting functionality
- Source code and additional projects available on Github: https://github.com/KimarenNaidoo