Emmanuel Tinotenda Sibanda

Junior Software Engineer with Cybersecurity Specialization

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[Location: 5 Cassia Drive, Midlands]

An accomplished Software Engineer specializing in Object-Oriented Design and Analysis with extensive experience in the full life cycle of the software design process including requirements definition, prototyping, proof of concept, design, interface implementation, testing, and maintenance

SUMMARY OF QUALIFICATION

- Possess expertise in Object-Oriented Analysis/Design and Java Development, skilled at progressing from problem statement to well-documented designs.
- Strong knowledge of Java with experience ranging from introduction of version 1.0, adoption of version 1.1 and commitment to using SWING for component architecture of product interface.
- Demonstrated understanding of Java Technology potential,
- Solid management skills, demonstrated proficiency in leading and mentoring individuals to maximize levels of productivity, while forming cohesive team environments.

PROFESSIONAL EXPERIENCE

Cyber Security Internship *Solitaire Infosys Inc., [03/2024 – 09/2024] City: Mohali, Punjab | Country: India*
Activities
- Gained experience in routing and networking, implementing it to create networks with various routing protocols.
- Attended training courses to build understanding of processes, techniques, and ICT industries.
- Explored deeper into functionality of Kali Linux and learned new techniques of OSINT and detection of threats working on software like Burp suite , Kali Linux and Metasploitable.

Responsibilities
Cyber security:
- Protecting systems from cyber threats.
- Preliminary security audits and risk assessments.
- Developing and implementing security policies.
- Responding to security breaches.

EDUCATION

Chandigarh University [06/2024] *Bachelor of Computer Science in Computer Applications*
City: Chandigarh | Country: India | Website: https://www.cuchd.in/
Field(s) of study: Information and Communication Technologies, Software and applications development and analysis Database and network design and administration Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)
Final grade: 7.02 CGPA | Level in EQF: EQF level 6 | Thesis: Project Title: AVIRA Blood Donation Management System
- Software Development
- Computer Networks
- Web Development

TECHNICAL EXPERTISE

Programming Languages:
Java (Intermediate), C# (Proficient), Python (Intermediate), JavaScript (Intermediate), SQL (Proficient), HTML5/CSS3 (Basic),C++ (Intermediate)
Cybersecurity Tools:
Metasploit (Advanced), Burp Suite (Intermediate),Snort (Basic), OpenSSL (Basic)
Operating Systems & Virtualization:
Linux (Advanced), Windows (Advanced), macOS (Intermediate), VMware (Intermediate),Hyper-V (Basic)
Development Tools:
Git (Basic), Visual Studio Code (Advanced), Eclipse (Basic), Docker (Fundamental)
Frameworks/Libraries:
.NET (Intermediate), React.JS (Intermediate), AngularJS (Basic), Bootstrap (Basic)

PROJECTS

AVIRA Blood Donation Management System: Streamlined donor registration, secured data management, blood inventory tracking, and scheduling.Enhanced communication between donors, recipients, and healthcare facilities, improving blood donation campaigns and critical supply management.
Food Delivery Application (Android Studio): Mobile application for browsing, ordering, and paying for meals from local restaurants.Features include real-time order tracking, customized meal options, and secure payments for a seamless user experience.