Olwethu Mbada

Full Stack Software Developer

CONTACT

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ABOUT

I am a dedicated Full Stack Developer with over 5 years of experience in web and software development, delivering robust, scalable, and innovative solutions. With a strong foundation in Agile methodology, I am comfortable working independently or as part of a team, and I am always eager to learn new technologies and improve existing skills to deliver the best possible solutions. Throughout my career, I have built a diverse skill set, excelling in both front-end and back-end development, as well as mobile application development. I am proficient in C#, JavaScript frameworks (including Angular, React, Next.js, and Flutter), and have hands-on experience with technologies like .NET, Docker, and RESTful APIs. I am passionate about producing clean, maintainable code, and follow best practices such as SOLID principles, OOP, and design patterns to ensure scalability and long-term success.

PROFESSIONAL EXPERIENCE

Specialist Product Engineer | 12/2023 – Present

ABSA

- Participate in daily stand-up meetings, following Agile methodology to discuss progress, challenges, and blockers with the team.
- Develop and maintain the user interface of a decoupled application using Angular, collaborating with cross-functional teams to implement features and improve user experience.
- Contribute to the development and support of NestJS microservices and C# .NET RESTful APIs to ensure smooth application functionality and integration.
- Work with multiple databases (MongoDB, MSSQL, PostgreSQL) and Kibana indexes to retrieve and display data, ensuring data integrity and optimal performance.
- Utilize GitHub for version control and Jenkins for continuous integration and deployment, ensuring smooth and timely releases to production environments.
- Troubleshoot and resolve build failures in Jenkins using Rancher (Kubernetes), and logging tickets on Jira for environment related issues and resolving code-related problems by fixing and rebuilding.
- Collaborate with stakeholders and project owners to plan and design features and enhancements, adhering to Software Development Life Cycle (SDLC) best practices.
- Implement business-driven technical specifications, ensuring alignment between business requirements and application development.
- Handle tickets logged against the application, providing technical support for users experiencing issues, and logging bugs in Jira Hive for future resolution.
- Conduct regular code reviews, enforcing best practices such as OOP, SOLID principles, and design patterns to ensure maintainable, scalable, and efficient code.
- Provide guidance and mentoring to junior developers, fostering knowledge sharing and continuous improvement within the team.
- Manage the renewal process for application certifications, following established documentation and ensuring compliance with industry standards.

Specialist Product Engineer Consultant | 06/2023 – 12/2023

Reverside – ABSA Consultant

- Published front-end applications and their associated microservices using Jenkins, ensuring smooth deployment to production environments.
- Configured both Windows and Linux servers, installing and managing SSL certificates to ensure secure communication and compliance.
- Planned, wrote, and debugged web applications and software, delivering high-quality code with a focus on accuracy and functionality.
- Actively contributed to resolving bugs and adding new features, improving the overall performance and stability of the application.
- While still familiarizing myself with the team and systems, played a key role in stabilizing the application during a period of high instability, addressing numerous bugs and improving functionality.
- Collaborated with testers to provide support during the testing phases of new features, helping identify and resolve issues quickly to ensure smooth product releases.

Full Stack Software Developer | 10/2021 – 05/2023

The App Lab

- Deployed both front-end and back-end applications primarily to Linux servers, with experience in Windows servers as well. Configured both Linux and Windows servers, including SSL certificate installation and management for secure communication.
- Designed and developed APIs using .NET and Laravel, ensuring robust and scalable back-end solutions.
- Designed and developed system architectures to meet project requirements, ensuring scalability, performance, and maintainability.
- Developed front-end applications using Angular, React, Next.js, and MVC frameworks, ensuring seamless user interfaces and optimal performance.
- Built mobile applications using React Native (Expo) and Flutter, contributing to both iOS and Android platform support.
- Published web applications using Docker containerization, streamlining the development and deployment process, and ensuring environment consistency across stages.
- Maintained and expanded Drupal CMS and supported Django CMS, providing content management solutions for clients.
- Planned, developed, and debugged web applications and software with precision, ensuring functionality and user satisfaction.
- Worked closely with clients to ensure seamless integration and successful project delivery. Regularly liaised with clients to schedule meetings, gather requirements, and discuss new features.
- Gained valuable experience in a fast-paced startup environment, managing my time effectively in a high workload space. Took full ownership of projects, learning to balance multiple responsibilities while maintaining quality.

Full Stack Software Developer | 02/2020 – 09/2021

S4 Integration

- Maintained and enhanced the company website using vanilla PHP, CSS, HTML, jQuery, and plain JavaScript, ensuring functionality and user engagement.
- Designed and developed web applications using .NET and Angular, delivering high-quality solutions that met client specifications.
- Conducted code reviews to ensure code quality, adherence to best practices, and maintainable solutions.
- Established and documented coding standards for the development team, fostering consistency across the codebase.

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- Developed and designed mobile applications using Flutter, .NET Core, SQLite, and MySQL, ensuring smooth performance and cross-platform compatibility.
- Actively provided support and developed new features for the company website, which was used for order management and company stats.
- Supported junior developers, providing guidance and introducing them to the applications and technologies used within the company.
- Facilitated learning and knowledge sharing to boost team efficiency.
- Gained experience with new technologies such as Flutter, Angular, and Docker, experimenting and implementing them in real-world projects.
- Became proficient in debugging using browser tools to troubleshoot and improve application performance.
- Participated in a large-scale project, working with .NET RESTful APIs and Angular to develop new features. Regularly liaised with the client to discuss project progress, feature requests, and timelines.
- Managed time-sensitive updates, including content changes and database migrations, ensuring the website remained up-to-date and functional.
- Created and maintained technical specifications and documentation for applications.

EDUCATION

Nelson Mandela University | 2018 – 2018

Bachelor's Degree in Information Technology – Software Development

Nelson Mandela University | 2015–2017

Diploma in Information Technology – Software Development

Nelson Mandela Metropolitan University | 2014 – 2014

Higher Certificate in Information Technology – Support Services

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SKILLS

Angular, React, React Native, Next.js, NestJs, HTML, CSS, PHP, .Net, C#, Laravel, MSSQL, MySQL, Drupal, Docker, Jenkins, Jira Hive, Jira, GitHub, GitLab, SQLite, Flutter, jQuer, Time Management, Problem Solving, Flexibility

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CERTIFICATES

AWS | 2024

AWS Certified Cloud Practitioner

REFERENCES

Available upon request.