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Age:33

City: Johannesburg

Gender: Male

Ethnicity: African

He is a full stack developer with nine and a half years of hands-on programming experience. He has developed E-commerce stores, banking systems and bulk email systems. He also developed a mobile game with friends in university which they named "Non-Native Raiders" using Unity, JDK 7.0, Eclipse Juno 4.2 and ADK. Java was used to develop their project and he was mainly responsible for the backend development and a few elements of the frontend development. He has expertise in the full mobile development life cycle.

Furthermore, He has done both maintenance and enhancements on existing software as well as new development. He mainly uses Java, PHP and C# for backend practices and uses HTML, CSS, JavaScript and jQuery for frontend development purposes. He has expertise with code versioning tools such as Github. He also has experience using third party libraries and API's.

He also did a module in Artificial Intelligence while studying for his bachelor's in computer science and mathematics in 2015.

Work History

Position: Senior Software Developer

Duration: 2017 to Current

Company: Information Technology (IT) sector

The company mainly deals with personalized communication (This includes creation and distribution of Bulk Emails, SMS's, MMS's, video's, HTML and PDF's).

- His role requires expertise in both front-end and back-end development, along with leadership and collaboration skills.
- Overlook the entire SDLC
- Project management
- Collaborate with cross-functional teams (designers, product managers, QA engineers, etc.) throughout the software development lifecycle.
- Participate in sprint planning, backlog grooming, and daily stand-ups.
- Estimate project timelines and provide input on resource allocation and task prioritization
- Participate in the design and architecture of software systems.
- Collaborate with other team members to define technical requirements and system design specifications.
- Develop both front-end and back-end components of web applications.
- Develop server-side logic and functionalities using frameworks
- Developing systems to handle multiple message types (Multiple channels and file formats for all devices)
- Developing high end system that generates statements and invoices
- Develop AI systems that learn from previous campaigns and then create
- An autonomous process flow
- Developing internal systems that build email templates
- Design and implement scalable and efficient server-side architectures and APIs.
- Develop backend services (APIs) used to distribute via multiple channels
- Generating PDFs based on client data
- Data verification, loading, and mapping; Secure encrypted storage
- Performance reporting services

- Developing client/admin portals for self-service
- Developing high-security measures (One-Time-Pin user verification and Personalized document encryption)
- Configure and deploy web servers like Apache, and Nginx to serve web applications.
- Manage server environments, including development, testing, staging, and production environments
- Regularly update server software and apply security patches to mitigate vulnerabilities.
- Database management
- Design, implement, and optimize database schemas and queries.
- Work with relational databases
- Set up and configure databases on servers, including relational databases like MySQL, MSSQL, PostgreSQL, or SQL Server, as well as NoSQL databases like MongoDB or Redis.
- Optimize database performance by indexing, query optimization, and database caching techniques.
- Implement database backups and disaster recovery plans to prevent data loss.
- Code maintenance for reusability, code quality, and reliability
- Continuous Integration
- Automate deployment processes using tools like GitLab CI/CD
- Multi-channel failover planning
- USSD
- Experiment with new frameworks and methodologies to improve development processes and efficiency.
- Provide technical leadership and guidance to junior developers and other team members.
- Review code, provide feedback, and ensure adherence to coding standards and best practices.
- Mentor junior developers, assisting them in skill development and problem-solving.
- Write unit tests, integration tests, and end-to-end tests to ensure code quality and reliability.
- Perform debugging and troubleshooting to resolve issues.
- Conduct code reviews and participate in peer programming sessions.
- Code documentation
- Client communication
- Client systems support and maintenance

Reason for leaving:

- He feels very stagnant in his role. There are no more growth prospects for him with his current company.

Position: Software Engineer

Duration: 2016 to 2017

Company: Mobile Media and Marketing sector

They specialize in performance campaigns. At the same time, they are developing a range of media services that make up the full cycle of digital promotion for their clients

- Improved operations by conducting system analysis and recommending changes in policies and procedures.
- Licensed software by obtaining required information from vendors and determining operational feasibility by evaluating analysis, problem definition, and requirements.
- Developed documentation, flowcharts, layouts, diagrams, code comments, and clear code to support system development.
- Tested and approved products, preparing and installing solutions by determining and designing system specifications, standards, and procedures.
- Used Software Development Lifecycle (SDLC) methods for better software production and followed project plans.
- Developed software solutions by studying information needs, conferring with users, studying system flow, data usage, and work processes.
- Investigated problem areas by following the Software Development Lifecycle (SDLC) and conducted analysis, software design, and debugging.
- Demonstrated expertise in documentation, problem-solving, and software fundamentals.
- Self-managed and tested all projects, showcasing strong project management skills.
- Experienced in proactive problem-solving and eager to contribute to an organization's growth.
- Seeking opportunities for growth and learning within an organization with experts in the field.
- Proficient in project management, with a proactive approach to self-management and testing.
- Software Development: Design, develop, test, and maintain software applications and systems.
- Coding: Write efficient, maintainable, and well-documented code using various programming languages and frameworks.
- Problem Solving: Analyze user requirements and technical constraints to propose solutions and troubleshoot issues.
- System Design: Design software architecture and system components, considering scalability, reliability, and performance.
- Testing: Develop and execute unit tests, integration tests, and system tests to ensure software quality and reliability.
- Version Control: Use version control systems like Git to manage code changes and collaborate with team members.

- Collaboration: Work closely with cross-functional teams including designers, product managers, and quality assurance engineers to deliver high-quality software.
- Continuous Integration/Continuous Deployment (CI/CD): Implement and maintain automated build, test, and deployment pipelines to streamline the software development process.
- Documentation: Create and maintain technical documentation including design documents, user manuals, and API documentation.
- Security: Follow security best practices and guidelines to develop secure software and protect sensitive data.
- Performance Optimization: Identify and address performance bottlenecks in software applications through profiling, optimization, and refactoring.
- Research and Learning: Stay updated with the latest technologies, tools, and best practices in software engineering through self-learning, training, and professional development.
- Customer Support: Provide technical support and assistance to end-users to troubleshoot issues and ensure a positive user experience.
- Project Management: Manage individual tasks and deadlines effectively, participate in project planning, and communicate progress and challenges to stakeholders.
- Code Review: Participate in code reviews to provide feedback on code quality, design, and adherence to coding standards.
- Adherence to Standards: Follow coding standards, best practices, and software development methodologies such as Agile or Scrum.

Reason for leaving:

- He received an offer from his current company which presented better financial prospects.

Position: Junior Software Engineer

Duration: 2015 to 2016

Company: Financial services sector

- Worked closely with experienced engineers to initiate much-needed changes to financial systems for web-enabled merchant services.
- Collaborated with designers and other developers to ensure the production of high-quality software.
- Updated, maintained, and developed web and mobile applications for various departments for several organizations.
- Redefined and consolidated several existing applications, including timecard and billing, resulting in increased satisfaction and efficiency for a network of 245 end users.
- Developed flowcharts, layouts, and documentation to identify requirements and solutions.
- Wrote well-designed and testable code, producing specifications and determining operational feasibility, and integrating software components into fully functional software systems.
- Troubleshoot, debug, deploy systems, and evaluate user feedback while complying with project plans and industry standards.
- Developed software verification plans and quality assurance procedures, documenting and maintaining software functionality.
- Streamlined engineering processes and provided system training, best practices, and project-based leadership to team members, reducing development time.
- Delivered a wide range of functional enhancements and performance improvements to existing and new web-based e-commerce applications.
- Utilized MVC patterns to increase productivity and implemented unit testing to reduce human errors.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines for automated testing and deployment processes.
- Conducted code reviews to ensure code quality and adherence to coding standards.
- Collaborated with stakeholders to gather requirements, prioritize tasks, and define project scopes.
- Utilized agile methodologies such as Scrum or Kanban to manage and deliver software projects efficiently.
- Implemented security measures to protect applications from common vulnerabilities such as SQL injection and cross-site scripting (XSS).
- Engaged in on-going learning and professional development to stay updated with the latest technologies and industry trends.

Reason for leaving:

- He wanted to explore the industry and get to know different sectors.

Education

Grade 12. Makhado Comprehensive Secondary School, 2008.

BSc in Computer sciences and Mathematics. University of Limpopo, 2015.

Top Skillz

Skill
C++
C#
Java
PHP (Laravel and YII)
Python
Go/Golang
Ruby on Rails and RhoMobile
JavaScript, AJAX and JQuery
Bootstrap, HTML5 and CSS3 (LESS and SASS)
ReactJS
JSON
CMSs (WordPress, Drupal and Joomla)
Database Management: MySQL, MariaDB, MSSQL, MS ACCESS, Oracle, Redis And PostgreSQL
APIs with Postman
Apache and Nginx
Kubernetes
SEO
SFTP clients (Putty, WinSCP and FileZilla)
OS: Linux, Windows, VM's and Ubuntu for Windows
Eclipse, Android Studio and Visual Studio
PowerBI
VB.NET
Bitbucket and GITHUB (Version control)
Microsoft Office

Salary

Before Deductions:	R 65 000.00 per month
Salary Expectations:	R75 000 (Will accept 15% market related increase)

"Thank you for considering our applicant! To schedule an interview, please reach out to your Talent Acquisition Specialist."