

LEAD SOFTWARE ENGINEER & PROJECT MANAGER

A Dynamic young professional, Delivering Technology Solutions to Support Fiscal and Organizational Growth

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PROFILE

A highly skilled Lead Software Engineer & Project Manager with extensive experience in developing, testing, and deploying innovative software solutions. Expertise in multiple programming languages including JavaScript, Python, and Java, coupled with a strong background in cloud computing, DevOps practices, and web development. Proven ability to lead cross-functional teams, manage complex projects, and streamline development processes using modern tools and frameworks. Recognized for strong problem-solving, analytical thinking, and attention to detail, ensuring high-quality and scalable systems. Adept at mentoring teams, driving QA processes, and ensuring seamless integrations across platforms. Committed to continuous learning and staying at the forefront of emerging technologies to deliver cutting-edge, reliable solutions. Exceptional communication skills enable collaboration with technical and non-technical stakeholders to achieve project success.

AREAS OF EXPERTISE

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|-----------------------------------|------------------------------------|
| ❖ Full Stack software development | ❖ Project management |
| ❖ Team leadership | ❖ Development lifecycle management |
| ❖ Code reviewing | ❖ Client Relations |
| ❖ System deployment | ❖ Software testing |
| ❖ Database management | ❖ Data Analysis |
| ❖ System support | ❖ Technology integration |
| ❖ Analytical thinking | ❖ Timeline coordination |
| ❖ Software methodologies | ❖ Strong decision making |

KEY COMPETENCES

- Strong programming skills in multiple languages, including JavaScript, Python, PHP, and Java, with expertise in frameworks such as Django, ReactJS, Angular, and Laravel.
- Extensive experience in software development methodologies like Agile and Waterfall, ensuring efficient project management and delivery.
- Strong experience in QA processes, leveraging automated testing and frameworks to ensure software reliability and performance.
- Skilled in CI/CD pipelines and containerization, enabling seamless deployments and scalability across diverse environments.
- Expertise in SEO optimization, ensuring web applications meet best practices for search engine visibility and performance.
- Skilled in software integrations with third-party services, APIs, and databases to enhance application functionality.
- Excellent problem-solving and analytical skills for diagnosing and resolving complex technical issues.
- Thorough understanding of software design principles, object-oriented programming and design patterns.
- Experience with database management, SQL, and optimizing queries for performance and scalability.
- Strong communication skills to collaborate with cross-functional teams and convey technical concepts to non-technical stakeholders.

- Familiar with software deployments across multiple platforms, including Linux, Windows, and Mac.
- Commitment to continuous learning, staying updated with the latest technologies, tools, and best practices.
- Proven ability to manage projects, ensuring timely and budget-conscious delivery of high-quality solutions.

CAREER HISTORY

BARIZI COMMUNICATIONS

Lead Software Developer

May 2024 – To date

My responsibilities as Lead Software Developer include:

1. Leading the development of software solutions, ensuring alignment with project goals and timelines.
2. Overseeing the design, implementation, and maintenance of CI/CD pipelines, ensuring smooth deployment and development workflows.
3. Providing technical guidance on DevOps, continuous integration, and system deployments to enhance scalability and reliability.
4. Collaborating with stakeholders to define project scope and deliverables, ensuring high-quality outcomes.
5. Managing code reviews and implementing best practices to enhance performance and scalability.
6. Integrating innovative technologies to improve the efficiency of development processes and solutions.
7. Offering advisory services on technical strategies, project planning, and technology stack recommendations for efficient project execution.

PICKUP MTAANI

Team Lead/Project Manager

February 2024 – May 2024

As a Team Lead/Project Manager, my key responsibilities were:

1. Ensuring the core systems developed within the company remained operational, addressing any downtime or issues promptly.
2. Streamlining development processes by optimizing workflows, implementing best practices, and reviewing team performance.
3. Conducting code reviews to maintain high code quality and adherence to industry standards.
4. Leading quality assurance (QA) efforts to ensure robust and reliable system performance.
5. Overseeing the development team's progress and ensuring timely delivery of key features and system updates.

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Lead Senior Developer

July 2023 – February 2024

My responsibilities as a lead senior developer consist of:

1. Leading and supervising the team of developers. Provide guidance, support and direction to the development team.
2. Designing and implementing complex and scalable solutions. Involves leveraging my expertise to design and

develop robust and scalable solutions that meet the project requirements.

3. Collaborating with cross-functional teams including project managers, business development team, public relations, creative team, designers, QA engineers and all developers to enhance effective communication.
4. Mentoring and guiding the junior developers. This involves code reviews, sharing best practices and providing constructive feedback.
5. Conducting code reviews to ensure adherence to coding standards, best practices and maintainability.
6. Identifying opportunities for process improvement and innovation.

COSEKE KENYA

Software Developer

April 2021 – July 2023

My responsibilities as a software developer consist of:

1. Developing and maintaining web-based applications using JavaScript and Python, contributing to a 50% increase in user engagement.
2. Migration of legacy applications to the cloud using AWS and Docker, reducing infrastructure costs by 40%.
3. Collaborating with cross-functional teams to develop and maintain RESTful APIs, ensuring high performance and scalability.
4. System support involving technical issues which include maintenance, troubleshooting, monitoring, training and documentation.
5. Improving code quality and maintainability by implementing continuous integration and development using frameworks.
6. Participating in code reviews and providing feedback to improve code quality and best practices.
7. Developing project concepts and maintaining optimal workflow.
8. Carrying out quality assurance tests to discover errors and optimize usability.

JBS FOR SCHOOLS

Software Engineer/ Hardware Engineer.

April 2019 –March 2020

My responsibilities as a Software/Hardware engineer were as follows:

1. Implemented user authentication and authorization using OAuth 2.0, ensuring secure access to sensitive data.
2. Integrated advanced technologies and tools to improve system performances.
3. Implementing and integrating biometric services for users' registration and verification.
4. Programs development through planning, designing, creating and testing.
5. Configured and managed routers, security appliances, access points and switches.
6. Configured network equipment for installations, performed lifecycle refreshes and performed post-installation testing for turnkey services.
7. System support for clients who faced technical issues that required system upgrade, maintenance, troubleshooting and monitoring.

GEOMIN TECHNICAL WORKS

Assistant Network Administrator/Assistant Hardware Engineer

June 2018 - March 2019

As an assistant network administrator, my tasks were as follows:

1. Collecting and storing data from installed systems such as CCTV footages.
2. System maintenance and troubleshooting.
3. Data verification.
4. Computer machines assembling and disassembling to replace worn out parts.

ACADEMIC HISTORY

2018-2021: Bachelor of Science in Applied Computer Science, Chuka University, Kenya, First Class Honors.

2014-2017: Kenya Certificate of Secondary Education, Precious Blood Kagwe Girls Secondary School.

REFERENCES

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