



Alpha Lagatt

Software Engineer

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➦ [AlphaLagatt github profile,](#)
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Skills

MongoDb, Express, React,
Node (MERN)

Git

Python - Numpy, Pandas,
Matplotlib, Seaborn, Django

Java - Springboot

.NET- C#, ASP.NET, .NET
Core, Xamarin Forms

Relational and
non-relational DBMS

Languages

English

Swahili

Profile

A highly skilled software engineer with expertise in developing and implementing software solutions. Possessing a strong understanding of programming languages, algorithms, and data structures, with a proven track record of delivering high-quality code and meeting project deadlines. Experienced in both front-end and back-end development, proficient in various technologies and frameworks. Excellent problem-solving and analytical skills, able to troubleshoot complex issues and propose innovative solutions. A dedicated team player, effective communicator, and adaptable collaborator, capable of working in fast-paced and collaborative environments. Committed to continuous learning and staying up-to-date with emerging trends in the software engineering field.

Employment History

Software Developer and Solutions Architect, The Property Inspectors, Sydney

July 2022 — Present

1. Designing, coding, and debugging software applications based on company requirements.
2. Collaborating with cross-functional teams to gather and analyze software requirements.
3. Developing and maintaining software documentation, including technical specifications and user manuals.
4. Testing and troubleshooting software to ensure functionality and performance.
5. Integrating software components and third-party libraries into existing systems.
6. Deploying and maintaining software applications in production environments.
7. Collaborating with team members to review and improve software code quality.
8. Staying updated with emerging technologies and industry trends to enhance software development practices.
9. Collaborating with clients, stakeholders, and technical teams to understand business requirements and goals.
10. Designing and documenting end-to-end technical solutions that align with business needs.
11. Evaluating existing systems and infrastructure to identify improvement opportunities.

12. Defining system architectures, including hardware, software, and network components.
13. Conducting feasibility studies and providing cost-benefit analysis for proposed solutions.
14. Leading technical discussions and presenting solution designs to stakeholders.
15. Overseeing the implementation of architectural solutions and ensuring adherence to best practices.
16. Assessing and mitigating risks associated with technical solutions.
17. Keeping up with advancements in technology and industry trends to drive innovation in solution design.

Software Developer, Fanaka Mobile, Nairobi, Kenya

February 2022 — September 2022

1. Application Development: Designing and developing mobile applications using React Native framework for iOS and Android platforms.
2. Front-end Development: Implementing user interfaces and app screens using React Native components and libraries, ensuring responsiveness and optimal performance.
3. Code Implementation: Writing clean, maintainable, and efficient code in JavaScript or TypeScript, following best practices and coding standards.
4. API Integration: Integrating with backend APIs and services to fetch and manage data, ensuring seamless communication between the mobile app and server.
5. UI/UX Implementation: Collaborating with designers to translate UI/UX wireframes and designs into functional and visually appealing mobile app interfaces.
6. Testing and Debugging: Conducting thorough testing and debugging of mobile applications, identifying and resolving issues, and optimizing app performance.
7. Version Control and Collaboration: Utilizing version control systems (e.g., Git) to manage codebase, collaborate with team members, and participate in code reviews.
8. Performance Optimization: Identifying and implementing techniques to optimize app performance, such as reducing load times, minimizing resource usage, and improving app responsiveness.
9. Cross-platform Development: Leveraging React Native's cross-platform capabilities to ensure app functionality and consistency across multiple devices and platforms.
10. Maintenance and Support: Providing ongoing maintenance, updates, and bug fixes for existing mobile applications, as well as offering technical support to end-users.
11. Stay Updated: Keeping up with the latest advancements, trends, and best practices in mobile development and React Native framework.

Tech Lead, ELTEQ ICT & Logistics Ltd, Nairobi, Kenya

January 2018 — December 2021

1. Technical Strategy: Define and drive the technical direction and strategy of the company, considering emerging technologies and industry trends.

2. **Team Leadership:** Build and lead a team of software developers, providing guidance, mentorship, and support to drive high-quality and efficient software development.
3. **Project Management:** Oversee project planning, resource allocation, and task prioritization to ensure timely delivery of software solutions.
4. **Technical Decision Making:** Make informed decisions regarding technology choices, architectural designs, and development methodologies to meet business objectives.
5. **Code Review and Quality Assurance:** Conduct code reviews, enforce coding standards, and implement quality assurance practices to maintain high code quality and system reliability.
6. **Collaboration and Communication:** Foster collaboration and effective communication within the team and across departments, ensuring alignment with business goals.
7. **Technical Problem Solving:** Identify and address technical challenges, provide guidance for complex problem-solving, and support the team in overcoming obstacles.
8. **Continuous Learning:** Stay updated with advancements in software development, encourage knowledge sharing within the team, and promote a culture of continuous learning and improvement.

Education

Masters in Information Technology, Australian Catholic University, North Sydney

August 2022 — June 2024

On going. Expected completion date is June 2024.

BSc. Computer Science, Kabarak University, Nakuru, Kenya

September 2012 — December 2016

Graduated with honors.

Courses/Certifications

Microsoft Certified: Power Platform Fundamentals, Microsoft

May 2023

Microsoft Certified: Azure Fundamentals, Microsoft

October 2022

Microsoft Certified: Azure Data Fundamentals, Microsoft

October 2022