Jhmeel Mikail

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LinkedIn Profile | GitHub

Professional Summary

Innovative and results-driven Senior Software Engineer with 6 years of experience in building scalable, efficient, and user-focused software solutions. Expertise in AI, cloud computing, distributed systems, and full-stack development. Proven leader with a track record of delivering impactful projects and mentoring teams to achieve technical excellence.

Core Competencies

- **Programming Languages:** Python, JavaScript, Golang, TypeScript, Java
- **Frameworks & Tools:** React.js, Angular, Material UI, React Native, Shadcn
- **Cloud & DevOps:** AWS, Google Cloud, Firebase, Docker, Kubernetes, Terraform
- **Databases:** MongoDB, PostgreSQL, Redis
- **Technologies:** GraphQL, Kafka, NATS, CSS, Styled-Components, Git, GitHub

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Professional Experience

Senior Software Engineer
Curebase | 2023 – Present

- Spearheaded the development of a clinical trial management system, boosting operational efficiency by 40%.
- Designed and deployed scalable, fault-tolerant distributed systems to improve reliability and uptime.
- Led cross-functional Agile teams to deliver projects ahead of schedule and within budget.

Software Engineer
Zapier | 2020 – 2023

- Engineered enterprise-grade cloud solutions on Azure, enhancing system scalability by 30%.
- Automated workflows and API integrations to improve user experience and operational efficiency.
- Conducted extensive code reviews, ensuring compliance with industry best practices and standards.

Junior Software Engineer
Freelance | 2016 – 2020

- Developed and deployed full-stack solutions for small and medium-sized businesses.
- Worked with clients to create tailored software systems, from requirements gathering to final implementation.
- Enhanced application performance through optimization and refactoring, leading to increased client satisfaction.

Technical Contributions

- Authored 50+ in-depth articles on distributed systems, microservices, and software architecture.
- Mentored over 50 developers, emphasizing clean code, scalability, and robust software design principles.
- Made significant open-source contributions, fostering community collaboration and innovation.

Selected Projects

1. **Frontierscabal:** AI-powered socio-educational platform enabling students to publish articles, join discussion groups, and access study materials.
2. **Apore Vault:** Wallet application built on tbDex with PFIs, facilitating interborder payment solutions.
3. **Azra:** Health application connecting patients with clinical facilities via GPS and real-time chat systems.
4. **Microlens:** Diagnostic app for biological samples, featuring quizzes and support for over 15 languages.
5. **DenseNet121 Classification Model:** AI model trained to predict microorganisms with high accuracy.
6. **BitXend:** File-sharing application inspired by BitTorrent, enabling seamless large-scale file transfers.
7. **Keystroke Logger:** Python-based keystroke tracking tool demonstrating low-level programming capabilities.

Education

Bachelor of Science in Computer Science
Ahmadu Bello University, Zaria | 2018

Activities

- Regular speaker at tech conferences on AI, distributed systems, and modern software engineering practices.
- Contributor to technology blogs and online forums discussing emerging trends and solutions.

References

Available upon request.