

SAMSON OKEMAKINDE

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PROFILE SUMMARY

Outstanding Software Engineer and Engineering Manager with over 10 years of experience leading and developing large-scale enterprise software projects that meet rigorous demands and consistently exceed expectations. Proven expertise in system architecture and a comprehensive understanding of all phases of the Software Development Life Cycle (SDLC), from requirements gathering and analysis to design, development, implementation, and maintenance.

Strong technical proficiency across the entire software development pipeline, including backend, frontend, mobile development, cloud computing, and quality assurance. Skilled at aligning technology integrations and policies with critical business goals. Successfully managed IT projects from inception to completion, delivering innovative, high-impact software solutions that drive agility, flexibility, mobility, and an exceptional user experience.

CORE COMPETENCIES

- Engineering Management
- Software Architecture
- Project Management
- Software Engineering
- Business Digitisation
- Cloud Computing
- Financial Payments Solutions
- Agile/Scrum Methodologies

TECHNICAL SKILLS

- Core Languages: Java, Python, PHP, C#, Javascript, Dart
- Frameworks: Spring Boot, Django, Laravel, .Net framework, Flutter, VueJS, Angular
- Databases: PostgreSQL, SQL, MySQL, SQLite, MongoDB
- Cloud Computing: AWS, Microsoft Azure, Google Cloud Platform, DigitalOcean, Linode

SELECTED PROJECT ACCOMPLISHMENTS

- Successfully designed, built, and maintained core infrastructure used by CapitalSage's Fintech and business service platforms – which significantly increased business revenue, and provided solutions for the company's platform issues.
- Led a team of software engineers to architect, build and launch the WATU financial ecosystem. Developed multiple applications for various software & hardware platforms, driven by a resilient backend system that has maintained optimal functionalities for multiple years.
- Led the technical expansion, integrations & deployment of a payment platform in East Africa.
- Provided technical directions and led PCI-DSS & NDPA compliance for 4 corporate entities.
- Drove integrations and technical partnerships for the company's IT infrastructure growth, which provides multiple value-added services to customers.

WORK EXPERIENCE

Engineering Manager – CapitalSage Technology Ltd.

Oct. 2021 - Present

- Led the development of multiple fintech platforms including Ercaspay, Sagecloud and Kolomoni
- Lead the engineering team in architecture, implementation and large-scale feature development, ensuring alignment with business goals.
- Translate strategic business needs into clear technical requirements and oversee project execution.
- Act as the primary liaison between technical teams, stakeholders, vendors, and service providers, ensuring seamless communication.
- Drive compliance initiatives and optimise processes to improve technical efficiency and performance.

Head of Engineering – WATU Financial Technologies Ltd.

Jan. 2020 – Oct. 2021

- Led the design and implementation of scalable technical projects, driving integrations and partnerships for platform growth.
- Managed IT infrastructure acquisition and maintenance, and supervised client integration support. Led PCI-DSS compliance development and implementation.
- Collaborated with IT teams to build a resilient payment ecosystem aligned with evolving IT architecture.
- Handled production issue resolution, conducted user acceptance tests, and improved software development practices in coding tools and APIs.

- Senior Software Engineer** – Bytelabs Technologies Limited **Sept. 2018 – Jan. 2020**
- Built, tested & deployed algorithms to power cutting-edge betting platforms; developed product plug-ins for multiple frameworks & platforms. Developed prototypes for an automated toll collection platform.
 - Contributed to continuous improvement of software development best practices in the areas of coding tools, languages, and APIs. Adequately liaised with the QA team to ensure quality development of software.
 - Determined the root cause for most complex software issues and developed practical, efficient, and permanent technical solutions; also managed the deployment of software solutions that meet client and business needs.
 - Created and delivered powerful technical presentations and demonstrations that clearly explained the company's solution; handled the tasks of developing product roadmaps and migration strategies.

- Software Engineer** – Bytelabs Technologies Limited **Jun. 2018 – Sept. 2018**
- Managed and oversaw the development and deployment of new applications, system software and made enhancements to existing applications. Built and developed product papers and prototypes/MVPs for mobile applications.
 - Collaborated with the backend development and designers unit team members to design and develop mobile applications for the company's services.
 - Integrated application programming interfaces (APIs) developed by back-end developers to support mobile functionality; converted wireframe mockup to functioning mobile application; adequately optimised the performance of the apps.

- Software Engineer (Associate)** – Summitech Computing Ltd. **Feb. 2017 – May 2017**
- Implemented frontend designs and integrated APIs for an ERP system used by a leading digital satellite company, enhancing user experience and operational efficiency.

- Software Developer (Intern)** – Oyo State Management Information Center **Aug. 2015 – Jan. 2016**
- Led a team of interns to develop an automated staff management application, streamlining operations for the unit.
 - Assisted in digitising physical records with a focus on maintaining data accuracy.
 - Managed onsite server infrastructure to ensure smooth performance.
 - Organised and led training workshops on basic programming, enhancing skills for both interns and staff.

EDUCATION

- **B.Sc. (Hons.) Computer Science** – University of Ibadan, Oyo State **2016**

CERTIFICATIONS

- **Fellow of the Nigerian Institute of Management** - Institute of Management Consultants **2024**
- **Certified Management Consultant** - Institute of Management Consultants **2024**
- **Risk & Compliance on Electronic Payment Systems** – Interswitch Academy **2022**
- **Software Architecture for Big Data** – University of Colorado, Boulder **2022**
- **Agile Product Management** – Helium Academy **2022**
- **Secure Coding: OWASP Top Ten** – LinkedIn Learning **2019**
- **Android Application Development** – Udacity **2015**
- **Web Development** – NIIT, Ibadan **2010**

EXTRACURRICULAR ACTIVITIES

- **Production Technician, Media Unit** - Global Harvest Church, Ibadan **Jan. 2024 - Present**
- **Features Editor, Union of Campus Journalists** – University of Ibadan **Mar. 2016 - Dec. 2016**
- **Editor in Chief, FASSA Press** – University of Ibadan **Dec. 2015 - Nov. 2016**
- **Facilitator, Google Developer Study Group** – University of Ibadan **Mar. 2015 - Jul. 2015**
- **General Editor, FASSA Press** – University of Ibadan **Feb. 2014 - Dec. 2015**