

**Abungu Brian**  
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## **Experience**

### **Software engineer at Microsoft, 2/2021 - present**

As a cloud solution engineer at Microsoft, am engaged in the following activities:

- Development and maintenance of skype and teams APIs to support more than 145 daily users.
- Development and maintenance of deployment and build pipelines.
- Unit tests on our code base and integration tests with the systems we interact with.
- Prioritization of customer support tickets over development items in a drive to be customer centric
- Monitoring of API performance using the various internal monitoring tools
- High- and low-level design of systems and interfaces prior to development
- Leading service review discussions

Some projects I enjoy working on are Teams and Skype.

### **Lead Software Engineer in Test at Safaricom PLC, 2/2018 – 2/2021**

My responsibilities at Safaricom were:

- Lead system design meetings to identify and fix possible bottlenecks and most optimal ways to deliver the solution.
- Write unit and integration tests(java/python/PHP) and run regression tests.
- Performance testing on QA environments to ensure that the backend system can support the expected load without breaking.
- Monitoring the backend systems to ensure that performance was always within the agreed upon SLAs.
- Working and championing delivery of financial service products on mobile apps and web to support our customers.
- Development and maintenance of internal test tools to facilitate maturity of QA processes.
- Championing migration of legacy systems to azure and AWS cloud solutions.
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Some projects I worked on include mobile money apps, CRM and billing systems, international money transfer, etc.

### **Software engineer at Aimsoft LTD, 2/2017 – 6/2018**

My responsibilities at Aimsoft were:

- Determine operational viability by assessing problem statement, user & system requirements, and proposed solution(s).
- Document and denote solutions by developing flowcharts, diagrams and code comments.
- Improve operations by conducting system analysis & recommending changes in policies and procedures.
- Develop software solutions by studying information needs; conferring with users; studying system flow, data usage and work processes; investigating problem areas and following the software development lifecycle.

Some projects I worked on include AimsoftERP, Visitor Access Management, Leave Manager, Insurance Systems, etc.

The development and production environment involved working with tools like Microsoft Visual Studio Code, windows and Linux servers, MS SQL/Oracle and MySQL databases.

**Information Systems Audit intern at Safaricom PLC, 10/2016 – 1/2017**

- Manage technology governance methodologies and frameworks.
- Assess technology risk and develop audit and advisory plans.
- Maintain computerized audit software such as Caseware monitor and Idea server.
- Conduct operational and compliance audits as assigned.
- Automation of repetitive audit tasks by using python to analyze data from oracle BI and send alerts to stakeholders if anomalies are flagged.

**Member at Kids Code Camp, Nairobi, 5/2014 – present**

At Kids Code Camp, we organize programming boot camps targeting kids in slum areas such as Kibira & Mathare to help bridge the IT gap that we currently have in the country. The training involves basic skills such as computer operations to advanced programming knowledge sharing. We focus majorly on web development skills.

**Education**

**The Jomo Kenyatta University of Agriculture & Technology, Juja, Kiambu County**

*BS Computer Technology*, July 2016

Second Upper Division

**Technical Skills**

Experience in Product Management, Analytics and software engineering.

Technical Tools:

- 📖 Presentation : Prezi, Microsoft PowerPoint
- 📖 Text editors: Microsoft Visual Studio Code, Sublime Text
- 📖 Programming languages: Python & Java
- 📖 Web development: JavaScript, VueJs, bootstrap, HTML/CSS
- 📖 Version Control: Git, Github
- 📖 DevOps: Jenkins, Sonarqube, CI/CD pipelining, Jira.