CURRICULUM VITAE

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Software Engineer

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PERSONAL PROFILE STATEMENT

I am a results-oriented software engineer/developer with at least 3 years experience in the tech space industry. With training in Computer Science, I'm passionate about problem solving and use my skill set to engineer solutions fit for both the client and the business as well. I've been able to demonstrate and tap into my skills in the health informatics industry and ecommerce industry through my previous work experiences. My curious and creative nature drives me to learn new things very often.

WORK EXPERIENCE

Software Engineer (part-time), Upwork
August 2022 - Present

Upwork is an international company that links freelance-based developers to clients all over the world. I've been able to collaborate with various clients in developing scalable mobile and web applications for their business needs. Some of the projects I've worked on include:
- Developed a native mobile application using Java for a car dealership organization. - Participated in the development of an ecommerce web application based on Django. - Performed various store and payment API integrations such as Stripe and Paypal.

Software Engineer, Savannah Informatics Limited
January 2021 - July 2022

In this capacity, I developed and supported the Slade360 Electronic Data Interchange (EDI), a proprietary software product that connects healthcare providers and medical insurance companies alias payors. This involved:
- Building integrations with client systems.

- Writing and executing tests for subsystems and components.
- Participating in integrated test sessions of components and subsystems on test and production servers.
- Packaging and supporting deployment of releases.
- Built and deployed Docker containers to break up the monolithic app into microservices,improving developer workflow, increasing scalability, and optimizing speed
- Data analysis and reporting.
- Participating in peer-reviews of solution designs and related code.
- Client engagements and consultations.
- Managing Gitlab repositories and permissions, including branching and tagging.
- Both Linux and Windows systems administration.

Software Engineering Apprenticeship, Savannah Informatics Limited
May 2020 - December 2020

I worked as a trainee in this capacity whereby my major role was to learn about the company's business processes and tech stack. It is in this role that I got to learn most of my current technical skills. The tasks I did include but not limited to:
- Worked with team members to create an automated CI/CD environment company-wide. This involved provisioning of gitlab runners, automated releases via ansible using gitlab CI/CD, Google Cloud Build and Cloud Run, AWS ECS etc
- Worked with the development team writing and maintaining code.
- Participated in paired programming with mid-level and senior developers.
- Troubleshooting and patching computer code.
- Participated in peer-reviews of solution designs and related code

EDUCATION

September 2016 - April 2020: **BSc in Computer Science, University of Nairobi.**
  - Grade: Second Class Honors

February 2012 - November 2015: **High School Diploma, Kagumo High School. - Grade:** A, 84 points.

TECH STACK AND SKILLS.

Tools and Frameworks
Django Framework, REACT Framework, Laravel Framework, Linux(Ubuntu), Visual Studio,

Git, Chrome Dev Tools, Android Studio, Microsoft Office, Ansible, CI/CD components.
Programming Languages
Python, Java, C, GoLang, PHP, HTML, CSS, JavaScript, VueJS.

Database Management
PostgreSQL, MySQL, SQL Server, Oracle.

Cloud-Based Technologies
Google Cloud Platform(GCP), AWS, Docker, Firebase.

SOFT SKILLS

1. Great and affluent communication skills.
2. Able to efficiently work in teams.
3. Excellent problem solving skills.
4. Commendable self-management.
5. Able to work in a pressurized environment in a calm and professional manner.

INTERESTS

1. Machine Learning and Artificial Intelligence.
2. Psychology.
3. Traveling.
4. Bootcamps.