DOMINIC VURUDI

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PROFESSIONAL SUMMARY

A skilled backend developer with over three years of experience in designing, developing, and maintaining scalable applications and technology solutions. Proficient in Python, Java, JavaScript, and SQL, with a strong background in cloud services and API development. Recognized for optimizing performance, ensuring security, and leading cross-functional teams. Currently seeking new opportunities to leverage my expertise in backend development and cloud computing to drive innovative projects and deliver exceptional results.

WORK EXPERIENCE

MEST Africa| (Ghana)

Frontend engineer | Aug, 2023 - April2024

Tested automated computer system suites to ensure the quality of products and user experiences. Modified and enhanced existing applications according to client specifications and supervisor directions. Followed and prepared detailed specifications to model, configure and implement programs.

- Performed a variety of maintenance and integration activities for existing software applications and systems.
- Applied strong analytical skills to identify the root causes of any technical issues to help determine the best course for corrective action.
- Tasked with identifying, researching, and reporting new technologies before implementation of known options.
- Formulated and communicated ideas and plans to the project coordinator and then made approved recommendations to customers.
- Developed diagrams, flowcharts, and models to demonstrate the type of code that is necessary for developers and programmers to use.

Cellulant | (Kenya)

Backend engineer | april 2023– aug 2023

Designed, developed, tested, and maintained scalable and stable applications and custom-built technology solutions. Identify a specific legacy system set of business capabilities and create a prototype application to operate in a cloud environment. Collaborate with technology peers on design/development/support phases of projects and through the implementation and production support phases.

- Supported projects from conception to delivery using the Pega platform while ensuring the implementation is consistent with design decisions, standards, and best practices.
- Created reusable component architecture and reusable software code across the enterprise to provide a best-in-class customer experience.
- Conducted full life-cycle software development in multiple software environments.
- Translated complex business requirements into functional technical requirements and performing solutions by using Pega technology to improve usability, performance, and data quality.

- Worked with Agile team on interpretation epics, acceptance criteria, and requirements into user stories to be completed within a sprint, further develop sprints and test to identify bugs, issues, and defects at an early stage.
- Conducted root cause analysis and complex performance tuning.

Andela | (Nigeria):
SQL developer | 2022

Co-created website database to manage users for podcast host client. Collaborated with a team of freelancer programmers to design back-end cope templates and integrate authentication and security measures. Launched and maintained database 2 weeks ahead of schedule.

- Interviewed client to determine project requirements and define development strategy.
- Participated in daily meetings to organize resources and track project status over time.
- Coded back-end database operations using JavaScript, NodeJS, and SQL.
- Conducted user testing operations in a static environment to uncover bugs, potential User Experience (UX) pain points, and troubleshoot errors.
- Worked with the development team to monitor site post-launch and deliver relevant updates and bug fixes as needed.

Happiest Minds Technologies| India
Fullstack developer | jan 2021- jan 2022

Assisted with performing updates on both the front-end and back-end features of several software applications. Worked closely with senior programmers in continuously improving the code creation process.

- Utilized Java and JavaScript languages in coding an order management system that amplified the company's order fulfillment efficiency by 30%.
- Optimized application security through the installation and routine update of anti-virus software solutions.
- Enhanced user education on the essential solutions to a wide range of software issues through the development of a guidebook

Techspot | Kenya
Software engineer | 2021

Developed and defined the backend software engineering architecture and technology stack for the company's product area. Improved the performance, reliability, scalability, and security of the company's backend systems. Trained new engineers and developed training processes for future use.

- Engaged as a member of a cross-functional Agile team by participating in planning, status reporting, continuous improvement, and retrospective discussions.
- Determined the operational feasibility of software development projects by evaluating analytical data, defining potential issues, and proposing solutions to the team.
- Stayed up-to-date with the newest development platforms, software tools, and engineering techniques, and devised strategies for implementation.
- Enhanced the visibility, collaboration, and management of the department's work by serving as the first point of contact to our biggest clients.
- Mentored a team of 10 junior software engineers to support knowledge and growth development through active coaching and collaborating feedback.

Techspot | Kenya

Programmer | 2021

Spearheaded the creation and tailoring of software applications and tools using cutting-edge development and coding practices. Directed all phases of the SDLC, from coding and prototyping through testing and rollout.

- Led the development and optimization of key programs' performance using PYTHON, and SQL, enhancing operational efficiency by 40%.
- Conceptualized and implemented routine enhancements on online web applications, guaranteeing the achievement of all service level agreements.
- Directed 12 developers in the development and maintenance of a pioneering fin-tech web application using Python and Agile/Scrum methodologies.

EDUCATION

Degree Software engineering, Muranga University of Technology   Year 2023

Backend developer, **ALX Program**   Year 2022

CERTIFICATIONS

Name of Certification	Awarding Body	Month & Year Earned
AWS Certified Developer – Associate	Amazon Web Services (AWS)	March 2024
PCEP – Certified Entry-Level Python Programmer	Python Institute	January 2021
PCAP – Certified Associate in Python Programming	Python Institute	February 2022
Oracle Certified Professional, Java SE 11 Developer	Oracle	April 2023
MongoDB Certified Developer Associate	MongoDB	February 2022

SKILLS

- **Programming Languages**: Python, Java, JavaScript,C, C++
- **Web Frameworks**: Django, Flask, Spring Boot
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Cloud Services**: AWS, Azure, Google Cloud Platform
- **Version Control**: Git, GitHub, GitLab
- **API Development**: REST, GraphQL
- **Frontend Development**: React, React Native

- **Mobile Development**: Expo
- **Backend Development**: Django, Node.js

ACTIVITIES AND INTERESTS

- **Open Source Contributions**: Actively contributing to various open source projects, particularly those focused on backend development and Python libraries.
- **Chess**: Enthusiastic chess player, regularly participating in local chess clubs and online tournaments to sharpen strategic thinking and problem-solving skills.
- **Tech Meetups and Conferences**: Regularly attending and participating in local and international tech meetups and conferences to stay updated with the latest industry trends and technologies.
- **Coding Bootcamps and Workshops**: Volunteering as a mentor at coding bootcamps and workshops, helping aspiring developers learn and improve their coding skills.
- **Community Service**: Engaging in community service activities, such as teaching coding and computer literacy to underprivileged youth.
- **Reading and Research**: Passionate about reading technical books and research papers to deepen knowledge in software engineering and emerging technologies.
- **Fitness and Outdoor Activities**: Enjoys hiking, cycling, and participating in fitness challenges to maintain a healthy work-life balance.