

Curriculum Vitae

VICTOR CHIURI GATERU

Date of birth: 1991

Nationality: Kenyan

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PROFILE

Advanced programmer and currently a software development manager with experience in structuring, developing and implementing interactive websites, web applications, flutter mobile applications and custom software. Able to complete projects efficiently and satisfy customers with attractive, user- friendly websites and software. Also works well under pressure and consistently meets deadlines and targets while delivering high quality work.

SKILLS

- Advanced Programming and design skills
- Excellent in Python, Django framework, JavaScript, jQuery, React.JS, Redux.JS, HTML, CSS, SQL, Flutter and Dart
- Excellent in Api Development (Django Rest Framework)
- Proficient in MySQL, PostgreSQL, Oracle, SQLite, MS SQL Server
- Proficient in DevOPs engineering involving deployment of Python Django systems using both Nginx and Gunicorn servers.
- Excellent in building a CI/CD Pipeline.
- Excellent in the Git Operations (Github)
- Proficient in Unix/Linux (system Administration)
- Excellent in Project management.
- Excellent in database administration
- Advanced problem-solving skills
- Proficient in troubleshooting and debugging
- Skilled in WordPress, Magento and shopify
- Website optimization
- Web content management
- Good in both software and hardware maintenance
- Proficient in network maintenance

SAMPLE PROJECTS

Supply chain management(SCM)

This is a system built with a **python Django back-end and a React.JS front-end**. The system connects distributors with retailers and salesmen. Once a retailer or a salesman places an order of a certain product or products, only the distributor has the ability to approve, cancel or hold from his/her admin panel.

Orders are placed by both retailers and salesmen from a **Flutter mobile application**. Retailers can also place orders from their own customized web customer panel developed in python Django.

This system uses Django rest Api's to interact with the flutter mobile application.

The system is hosted in Digital Ocean using a NGINX server and Gunicorn for load balancing.

In this Project, Github is used as a code hosting platform for version control and collaboration.

Petrol Station Management System

This is a system built with **a python Django back-end and a bootstrap template in the frontend.**

The system does away with the manual way of recording data in books. With Vat included in the system, it's possible to keep track of all losses or profits being made per each specific pump. This keeps all the employees accountable because they are all assigned to specific pumps in accordance to their allocated shifts. The system also includes a petty cash functionality to keep track of all the station expenses.

The system is hosted in Digital Ocean using a NGINX server and Gunicorn for Load balancing.

In this Project, Github is used as a code hosting platform for version control and collaboration.

Bulk SMS system

This is a system built with **a python Django back-end and a template in the frontend.**

The system allows the admin to register bulk SMS resellers, who can in turn sell the bulk SMS services to their clients.

The system is hosted in Digital Ocean using a NGINX server and Gunicorn for Load balancing.

In this Project, Github is used as a code hosting platform for version control and collaboration.

Human Resource Information System

This is a system built with **a python Django back-end and a bootstrap template in the frontend**. This system covers all the human resource modules. It allows the user to create companies, branches, departments and employees. It further caters for leave, attendance , probation evaluation and payroll processing.

The system is hosted in Digital Ocean using an Apache server. The system also uses a wildcard SSL certificate, which allows unlimited subdomains. This is very useful

in creating multiple companies each having their own specific subdomain and database schema.

This system also includes both an employee and a manager self service portal which can be accessed via both the web and mobile platform. The portals are used to view payslips, apply for leaves , make approvals among various other functionalities.

In this Project, Github is used as a code hosting platform for version control and collaboration.

PROFESSIONAL EXPERIENCE

April 2022 - Present: Vaptech Limited

Position: Software Development Manager

Specific Responsibilities and Duties:

- Hiring a software development team.
- DevOps Engineering.
- Building a CI/CD Pipeline.
- Designing systems and writing system design documents.
- Participating in other areas of the software development process.
- Providing guidance to team members to encourage work productivity.
- Managing all the activities of the software development group.
- Setting attainable goals to team members in order for the project to be finished on time.
- Making sure the timeline is followed by the software development group.
- Managing multiple projects at once.
- Ensuring appropriate procedures and processes are followed when it comes to software development.
- Representing the software department in meetings.
- Participating in design control activities.
- Monitoring, evaluating, and ensuring the completion of tasks and projects.
- Implementing design plans, reviewing unit tests.
- Documenting software development.
- Monitoring status of developing software.
- Writing, reviewing, and revising product requirements and specifications

March 2021 - April 2022

Company: Netbot Solutions

Position: Software Development Manager

Specific Responsibilities and Duties:

- Hiring a software development team.
- Designing systems and writing system design documents.
- Managing all the activities of the software development group.
- Setting attainable goals to team members in order for the project to be finished on time.
- Providing guidance to team members to encourage work productivity.
- Making sure the timeline is followed by the software development group.
- Managing multiple projects at once.
- Ensuring appropriate procedures and processes are followed when it comes to software development.
- Representing the software department in meetings.
- Participating in design control activities.
- Monitoring, evaluating, and ensuring the completion of tasks and projects.
- Analyzing software requirements.
- Implementing design plans, reviewing unit tests.
- Documenting software development.
- Monitoring status of developing software.
- Writing, reviewing, and revising product requirements and specifications.
- Participating in other areas of the software development process.
- Providing technical support to other company personnel.

June 2018 to March 2021: Jiwani Tech Limited

Position: Senior Software Developer.

Specific Responsibilities and Duties:

Researching and designing new software programs.

Implementing new software programs

Testing and evaluating new programs.

Managing new software programs.

Identifying areas for modification in existing programs and subsequently developing these modifications.

Writing and implementing efficient code.

Determining operational practicality.

Developing quality assurance procedures.

Deploying software tools, processes and metrics.

Maintaining and upgrading existing systems.

Working closely with other developers, UX designers, business and systems analysts.

October 2017 to June 2018: Jiwani Tech Limited

Position: Junior Software Developer.

Specific Responsibilities and Duties:

Researching, designing, implementing, and managing software programs.

Testing and evaluating new programs.

Identifying areas for modification in existing programs and subsequently developing these modifications.

Writing and implementing efficient code.

Determining operational practicality.

Developing quality assurance procedures.

Deploying software tools, processes and metrics.

Maintaining and upgrading existing systems.

Training Users.

Working closely with other developers, UX designers, business and systems analysts.

June 2017 to September 2017: National Environmental Management Authority (NEMA).

Position: Intern

Specific Responsibilities and Duties:

Software installation and upgrades.

System administration using Linux operating system.

Network Maintenance.

Configuration and maintenance of local area networks.

Server Installation.

Database Management.

Hardware maintenance.

2012 to 2017 : Freelancer at (www.freelancer.com and www.upwork.com)

EDUCATIONAL QUALIFICATIONS

- | | |
|--------------|---|
| 2022-present | Master of Science in Information Systems
Security(Msc ISS), Software Security.

Strathmore University |
| From 2016: | Bachelor of Science in Computer Science
Catholic University of Eastern Africa <ul style="list-style-type: none">• Graduated with second class.• Coursework in Programming, Web Development, Networking, Data structure and Computer Architecture. |
| 2006-2010 | Kenya Certificate of Secondary Education
(K.C.S.E) Baricho Boys High School, Grade: A- |
| 1997-2005 | Kenya Certificate of Primary Education (K.C.P.E)
Kerugoya Municipality (411/500) marks , Grade A |

TECHNICAL SKILLS

Excellent in Python, JavaScript, React.JS, HTML,CSS, SQL and Dart for flutter mobile applications.

Skilled in Django Web framework (Python)

Proficient in Building a CI/CD Pipeline.

Excellent in the Git Operations (Github)

Good in Devops Engineering involving deployment in Nginx servers and Gunicorn for Load balancing.

Proficient in MySQL, PostgreSQL, Oracle, SQLite, MS SQL Server.

Skilled in WordPress, Magento and shopify.

Android Studio, Visual Studio Code, Bootstrap, Visual Studio and MySQL Workbench.

PROFESSIONAL QUALIFICATIONS

2011-2012 Certificate in Computer Applications

 Compuera college

CAREER OBJECTIVE

To strategically align my computer skills with the organization's needs, aimed at prompting corporate growth.

REFEREES:

William Mirugi Computer Science Lecturer: Catholic University of Eastern Africa. Cell: +254727799352	Anne Mumbi Environmental Officer: National Environmental Management Society (N.E.M.A) Email: gmumbianne@gmail.com Cell: +254725616621	Reagan Omondi Director. Jiwani Tech Limited (J.L) Cell +254707866136
Olivia George Human Resource Netbot Solutions Cell: 0716277335	Oliver Mulaku Senior Software Developer Vaptech Limited Cell: 0799773244	

More Referees can be provided on request.

