

Javier Oronje Omutanyi

Phone: +254724509819

Email: javieromutanyi@gmail.com

PERSONAL STATEMENT

I am a results-driven and highly skilled Senior Full Stack Software Engineer with over 6 years of experience in designing, developing, and implementing scalable, high-traffic, consumer-facing e-commerce platforms. My expertise lies in Node.js, TypeScript, and AWS, with a strong focus on RESTful APIs, database optimization (MySQL, PostgreSQL, ElasticSearch), and web security (OWASP standards). I have a proven track record of delivering robust solutions that streamline CI/CD processes, enhance system performance, and ensure seamless user experiences.

Throughout my career, I have successfully led the development of high-traffic platforms, implemented agile methodologies, and mentored junior engineers to foster collaborative and efficient teams. My hands-on experience with RabbitMQ, Docker, and cloud-based infrastructure (AWS, Azure) has enabled me to architect secure, scalable, and maintainable systems. I am passionate about leveraging my technical expertise and problem-solving skills to drive innovation and deliver impactful solutions in a fast-paced, dynamic environment.

CORE SKILLS

- Knowledge and experience in JavaScript, TypeScript, Python, C#
- Experience with Vanilla JavaScript and frameworks such as React, React Native and NodeJs using the ECMAScript 6 (ES6) and ES5 standards.
- Great experience building RESTful applications with experience in frameworks such as Node, .Net and Python's Django, Flask.
- Experience in both relational and non-relational databases including: Postgresql, MySQL, MongoDB and Google Firebase.
- Experience in Elastic search.
- User interface design, implementation and functionality programming using tools such as Mockflow, Adobe XD, Material UI, Bootstrap and Tailwind.
- Experience in Visualization libraries such as HighCharts, D3.js, Charts.js, MUI x charts and Recharts
- Knowledge in UNIX and Linux Operating Systems with experience in Linux Servers.
- Experience with virtualization and containerization technologies such as Docker, Kubernetes.
- Experience with Web Server and Proxy technologies such as Nginx and apache.
- Implementation of payment systems such as PayPal, Stripe, Mpesa, LipaLater, Intasend.
- Experience with Cloud platforms such as AWS (S3, Lambda), Google Cloud, Azure, Digital Ocean, GoDaddy and Heroku.
- Strong knowledge and understanding of Data Structures and Algorithms, as well as proficiency in System Design.
- Experience with OAuth and JWT authentication.
- Knowledge of Wordpress.
- Experience in Kafka and Rabbit MQ
- Experience implementing React Drag & Drop functionality.
- Experience with developer tools and version control tools and platforms including GitHub and BitBucket.

WORK EXPERIENCE

Senior Full Stack Engineer | CoolR Group, United States | November 2021 - November 2024

<https://www.coolrgroup.com/>

- Designed and implemented scalable, high-traffic e-commerce platforms, handling over 1 million monthly users, using Node.js, TypeScript, and React.
- Optimized database performance, reducing data retrieval times by 25% through efficient indexing and query optimization in PostgreSQL, MySQL and ElasticSearch.
- Spearheaded the migration of legacy systems to AWS cloud infrastructure, improving system reliability and reducing downtime by 30%.
- Implemented CI/CD pipelines using Docker and GitHub Actions, reducing deployment times by 20% and ensuring seamless integration across development and production environments.
- Enhanced platform security by integrating OWASP best practices, reducing vulnerabilities by 40% and ensuring compliance with industry standards..
- Mentored 5+ junior engineers, providing technical guidance and conducting code reviews, which improved team productivity and code quality by 15%.
- Developed responsive and intuitive user interfaces using HighCharts, D3.js, Charts.js, GraphQL, Material UI, Bootstrap, and Tailwind, improving user engagement by 20%.

Software Engineer | Glitex Solutions, Nairobi, Kenya | May 2019 - November 2021

<https://www.glitexsolutions.co.ke/>

- Designed and deployed RESTful APIs using Python's Django and Flask frameworks, supporting over 500,000 monthly transactions for e-commerce platforms.
- Integrated secure payment gateways (Mpesa, PayPal, Stripe), reducing payment processing errors by 15% and improving transaction success rates.
- Optimized database performance by implementing ElasticSearch, reducing search query response times by 30%.
- Containerized applications using Docker, streamlining deployment processes and reducing setup time by 40%.
- Collaborated with cross-functional teams to deliver projects 2 weeks ahead of schedule by implementing agile methodologies and effective task prioritization.
- Conducted training sessions for junior developers on React and Node.js, improving team skill levels and reducing onboarding time for new hires.

Contract Software Developer | Nyarai Homecare, Nairobi, Kenya | January 2019 – April 2019

- Developed a React Native mobile application and RESTful API using Django REST Framework, increasing user retention by 25%.
- Implemented Mpesa payment integration, enabling seamless transactions and improving revenue collection by 20%.
- Designed and deployed the application on Digital Ocean, achieving 99.9% uptime and reducing hosting costs by 15%.
- Conducted thorough testing and debugging, reducing post-launch bugs by 30% and improving overall application stability.

Junior Software Developer | Brainverse KE | June 2018 – November 2018

<https://www.brainverse.co/>

Job Description

- Requirement gathering and project planning.
- User interface design and implementation.
- Debugging and code testing.
- Database design and implementation using Postgres.
- Implementation of Web Server and Proxy technologies such as Nginx.
- Building of application RESTful API using Django REST Framework.
- Implementation of payment systems such as Mpesa and LipaLater.
- Hosting and maintenance on Digital Ocean, AWS, Heroku.
- Documentation and version control using Git.
- Remote working.

Projects involved:

Saspacity(Mobile and Web Applications) - <https://saspacity.com/>

Circle Imaginarium (Android and API Development) -

<https://play.google.com/store/apps/details?id=com.imaginarium.circle&hl=en>

ADDITIONAL SKILLS AND STRENGTHS**Teamwork:**

During my time at CoolR as showcased in my portfolio, I have demonstrated effective teamwork by collaborating seamlessly with colleagues. This collaborative effort ensures the establishment of an asynchronous code base, facilitating the achievement of team-set targets. The result is a timely completion of the project, adhering to the scheduled milestones.

Communication:

My experience in requirements gathering for various projects has honed my communication skills. I excel in understanding user needs, translating them into actionable development tasks, and providing clear updates to the team. This proficiency in communication fosters a cohesive workflow and ensures that project objectives align with user expectations.

Leadership:

In addition to my teamwork and communication skills, I have demonstrated strong leadership capabilities during my tenure at CoolR. I have taken initiative in guiding team members, delegating tasks effectively, and ensuring that everyone is aligned with the project goals. My ability to motivate and inspire colleagues has been instrumental in driving projects forward, especially during challenging phases. By fostering a collaborative and supportive environment, I have helped teams achieve their objectives while maintaining high morale and productivity.

Self-motivation:

Having tackled numerous challenging projects, I am adept at maintaining a high level of self-motivation, even in the absence of external encouragement. Through conscientious self-care practices, I consistently deliver high-quality work, demonstrating resilience and commitment to project success.

Working under pressure:

I thrive in fast-paced project environments and am accustomed to navigating pressure effectively. Despite facing logistical and environmental challenges, I have demonstrated adaptability and consistently delivered results that meet and exceed project targets.

Creative:

My involvement in various front-end projects has cultivated a meticulous eye for detail. This, coupled with a deep understanding of user needs, has fueled my creativity in enhancing user experiences (UX). I approach software development with a diverse and creative mindset, tailoring solutions to align seamlessly with project requirements.

Problem-solving:

With each day of my ongoing development experience, I actively seek innovative and efficient solutions to challenges encountered during the development process. This commitment to continuous improvement reflects my dedication to optimizing workflows and delivering high-quality, robust solutions.

EDUCATIONAL BACKGROUND

2016-2020: Bachelor of Technology Computer Technology

Technical University of Kenya

2011-2015: Kenya certificate of secondary education

Mean grade A minus

Maranda High School

REFERENCES AVAILABLE ON REQUEST