EUGINE OCHUNG

GET IN CONTACT

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PERSONAL PROFILE

I am an enthusiastic software engineer,interested on technological innovations that solve high impact problems, a life-long learner with a passion for self-improvement

TECHNICAL SKILLS

- Back-end skills – Python, Django, Flask,DRF, Fast Api,Rest API,Microservices
- Front-end skills– HTML, CSS, JavaScript React,TypeScript,Bootstrap
- Database–Practical knowledge of database concepts SQL and PostgreSQL,SQL Server
- DevOPs–Docker,AWS,Kubernetes,GCP
- TestDriven–Pytest, Unittest
- CI/CD– TravisCI,Github Actions
- Version Control–Git and Github

EDUCATION HISTORY

MASENO UNIVERSITY

Bachelor of Science Computer Science, 2014-2018
- Design, Systems Programming, Network Applications, Software Engineering Analysis, Database System Engineering, Software Modeling, and Computer Program Design.

WORK EXPERIENCE

LEAD SOFTWARE ENGINEER
Ibuqa | March 2022–Mar 2023
- Led a team of 4 developers in designing and developing the routing and dispatching algorithms that powers Ibuqa's logistics platform
- Integrated different payment processing platforms e.g.,mobile money payments (MPESA, AirtelMoney) APIs into the system.
- Designed and developed Ibuqa'a invoicing platform . It enables merchants to email/text invoices that have a convenient link to a payments' page to facilitate payment of an order.
- Helped improve code quality through performing code reviews, writing unit tests and automation.
- Handled a back-end lead role which involved overseeing the development of the backend APIs using python
- Improved the monitoring of our APIs by integrating with services such as Newrelic.This allowed us to better profile our APIs and solve performance issues

SOFTWARE ENGINER ASSOCIATE WORKING WITH THE CHRISPROJECT
Software Freedom Conservancy | December 2021 – March 2022
- Outreachy participant working with FNNDSC(Fetal-Neonate NeuroImaging Development Science Center) on the ChrisProject.As a, my main tasks involved;
- Improved ChRIS Core User Interface Experience using react and typescript. I primarily developed and implemented the pipeline and collaboration interface components.
- Maintained existing Front-End projects, including fixing bugs

IMPLEMENTATION ENGINEER
InterIntel Technologies Limited|May 2021–Nov 2021
- Designed and implemented back-end features, web services and APIs to be used in the development of M-commerce solutions
- Designed and implemented Mipay's "Payments' Page". A pluggable web pop up application that interfaces the M-Pesa Express API to allow purchases to be made to institutions registered to the Interintel payment gateway.
- Implemented a revamped experience for Nenasasa first time users. The experience automates the processing of KYC documents and offers services such as management of contacts, sending of Bulk SMS and automated purchase of SMS float through a payments' page.
- Led an implementation effort to develop a framework for automating export of features from the development environments and their import into the production environment. Succeeded in drastically reducing the deployment of new features to production from an average of 3 days to 3 hours.
- Helped with the implementation and testing of change requests associated with 'I-invest' ; a USSD application that facilitates the purchase and withdrawal of UAP Money Market Fund units.

ONLINE CERTIFICATIONS

- Python for Data Science(Datacamp)
- Introduction to SQL(Datacamp)
- AWS Cloud Practitioner Essentials(AWS)

SOFTWARE ENGINEER(FREELANCE)
Fiverr|Mar 2020–Present

- As a freelance software developer I work with various clients and help them achieve development goals, I have played essential roles in the development of complex software applications using cutting–edge technologies such as RestfulAPI'S,Django Rest , TDD,React,Docker,AWS, Heroku, Digital Ocean
- Managing the client correspondence, including leading discussions to frameunctional and aesthetic needs and preferences specific to each project.
- Developed the bulk sms Platform,for Novustell using Django and Safaricom APIS

SOFTWARE ENGINEER INTERN
Softsearch | March 2019– Feb 2020

- Contributed immensely to the back–end development of a Logistics API using Django
- Contributed to the development of Softsearch's Bulk SMS platform https://jambosms.com/