

Outhan Chazima

FullStack Software Engineer

☎ (+254) 714 690 698 | ✉ outhan254@gmail.com | 💻 github.com/outhanchazima | 🔗 linkedin.com/in/outhan-chazima

Skills

- Blockchain development: web3.js, ethers.js, Binance Smart Chain, MetaMask, Ethereum
- Front-end development using Vuejs (Vuex, Vuetify), HTML5, CSS3 and Bootstrap.
- REST API development using python(flask), nodejs, Express.
- Backend development using Typescript, Nodejs, Express and Nestjs Framework, Python(Flask), Redis, Celery.
- Database System: MySQL and Postgresql
- Team collaboration using Agile Methodology: -working with Git, Github, Azure DevOps boards.
- Containerizing with docker.
- Hardware programming using Arduino.
- Graphics Design using Adobe Illustrator, After Effects, Adobe Premiere Pro, Adobe XD and Figma.
- Working with Linux Operating System: Ubuntu, CentOS, Debian, Nginx, Apache Web Server.

Work Experience

BeanSoft | A software Development Company

Machakos, Kenya

SOFTWARE ENGINEER

Feb. 2021 - Present

- Involved in designing, developing and implementing a crypto-exchange platform intergrated with Dollar Cost Averaging Bot and Grid bot.
- Technologies: Python, Flask, Redis, Celery, Binance Api, Swagger, Postgresql, Nginx, Docker, Vuejs, Github, CentOS Server

BeanSoft | A software Development Company

Machakos, Kenya

SOFTWARE DEVELOPMENT INTERN

Oct. 2020 - Jan. 2020

- Involved in designing, developing features and parts of a automated Telegram Binance Trading bot.
- Developed python back-end application for automated trading in Binance with Telegram and Web UI.

United States International University - USIU

Nairobi, Kenya

SOFTWARE SUPPORT INTERN

May 2019 - Aug. 2019

- Involved in installing and managing Active Directory user account delegated roles.
- Assisting in managing all systems and software packages, Planning for upgrades and software changes to increase efficiency

Education

Machakos University

Machakos, Kenya

BACHELOR OF SCIENCE IN MATHEMATICS AND COMPUTER SCIENCE

Sept. 2016 - Oct. 2020

- Specialized in Applied Mathematics.
- Graduated with second class upper division.

Uasin Gishu High School

Eldoret, Kenya

KENYA CERTIFICATE OF SECONDARY EDUCATION - KCSE

Jan. 2012 - Dec. 2015

- Obtained mean grade B+ (64 points).

Projects

Sahihi

VUEJS, NESTJS, POSTGRESQL, MYSQL, HTML, CSS, TYPESCRIPT, JAVASCRIPT

- Designed and developed a intergrated online system to facilitate the signing and verifying of documents. Developed an API for intergration.

PancakeSwap Trading Bot

TELEGRAM API, WEB3, PYTHON, FLASK, POSTGRESQL, VUEJS, HTML, CSS

- Implemented a telegram bot to track and buy new tokens on the binance smart chain then sell the tokens on user defined profit percentage.

Universal LMS

FIGMA, VUEJS, PHOTOSHOP, ADOBE ILLUSTRATOR, HTML, CSS

- Designed the UI/UX, logo and all did all product branding for the school management system and lead the system design team in achitecture design

Binance Telegram Bot

TELEGRAM API, BINANCE API, PYTHON, FLASK, POSTGRESQL, TRADINGVIEW

- Implemented a telegram bot trade on binance exchange both manual trading and automated trading using tradingview webhooks

TechMart, Ecommerce Website - Frontend

HTML, CSS, BOOTSTRAP

- Implemented a shopping cart and a responsive application frontend.

Bio-Informatics Neural Network

PYTHON

- Designed and implemented a neural network to group similar DNA Sequences using feedforward and backpropagation algorithm.

Professional Qualification and Certification

Google Africa Development Scholarship - GADS 2020

MOBILE WEB SPECIALIST TRACK

Remote

May 2020 – Sept. 2020

- Covered topics on HTML, CSS, JavaScript, Node.js API development, System Design, and Progressive Web Apps and App Deployment.
- Covered topics on System Security, Algorithms and Data Structures, Design Principles.

Konza Technopolis Hackathon

KONZA CITY

Konza, Kenya

March. 2020

- Participated in a team and built a vehicle accident response system using Arduino, GPS module, and integrated with google maps.

Big Data Engineer Mastery Award

IBM BIG DATA

Nairobi, Kenya

May 2019 - July 2019

- Big Data methodologies to collect & analyze large amounts of data from different sources, using IBM Watson Studio and Open Source Tools.
- Apache Hadoop, Ambari, Spark, Big SQL, HDFS, YARN, MapReduce, ZooKeeper, Knox, Sqoop, and HBase.

Arduino Day 2019

MACHAKOS UNIVERSITY

Machakos, Kenya

April. 2019

- Awarded Certificate of Participation
- Presented a project to be implemented using Arduino.

Advanced Training in Java

AT MOI UNIVERSITY – NAIROBI CAMPUS (HI-TRAIN)

Nairobi, Kenya

Feb. 2019

- Covered: Streams, Collections, Functional Programming, Generics and Maps

Honors and Awards

2019 Machakos University Chancellor Scholarship

Excellent performance in STEM study

2018 Machakos University Chancellor Scholarship

Excellent performance in STEM study

2016 Emobilis Mobile Training Institute Partial Study Scholarships

Awarded for a course in Mobile Software Development and Entrepreneurship Program.

Volunteer

FIRST Global

TECHNICAL MENTOR

- Guiding and assisting Team Kenya 2021 build and develop projects (Robotics, Arduino and STEM) for the competition
- Provided technical knowledge and mentorship to students in building CubeSat Prototype.

Hobbies

Playing Music Instruments | Listening to Music | repurposing electronic gadgets | Coding | Reading

Referees

Mr. Joab Kasi Tabakori
Deputy Principal,
Uasin Gishu High School.
P. O. Box 380 – 30100,
Eldoret.
Tel: 0721 524 103

Mr. Washington Oluoch
Lecturer
Department of Computing
Machakos University
Email: washington.oluoch@mksu.ac.ke,
oluochwash@gmail.com
Tel: 0726 628 202

Rev. Pastor Joseph Nzavi
Christ Is The Answer Ministries (CITAM).
P.O. Box 2761-90100,
Machakos.
Tel: 0739 141 468