MUTUA MICHAEL NTHIWA

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OBJECTIVE

I am a full-stack javascript Engineer with 2 years of experience in building both mobile and web-based applications using React/React-native and Node js. In addition to software development, I am skilled at technical leadership, communication, problem-solving and presentation.

I am eager to contribute my creativity and hard work towards the success of the company.

SKILLS

- Javascript.
- Python
- flask
- Django
- React.
- React-Native.
- Angular.
- Redux.
- Postgres.
- Mongo.
- Nodejs.
- Express.
- Experience in SASS/SCSS
- Continuous Integration/Continuous Deployment (Circle CI, Travis CI).
- Deployments (Heroku, AWS, Digital Ocean).
- Project Management (Pivotal Tracker, Jira, Github Issues).
- Stakeholder Management.

Github Link: https://github.com/mikenthiwa
Personal Website: http://www.michaelnthiwa.com/
Linkedin: https://ww.linkedin.com/in/michaelnthiwamutua/

- https://travela.andela.com/
  - **Position**: (Software Engineer)
  - An internal web application used at Andela to automate travel processes allowing staff to Schedule travel days, book accommodation in the city they are traveling to, upload travel documents. Technical skills used are React, Redux, Redux, Nodejs, Express, Postgres, Continuous Integration/ Continuous Deployment (Circle CI, Travis CI).
  - Github: - https://github.com/mikenthiwa/travela_back
    - https://github.com/mikenthiwa/travela_front

- **Meal management System**
  - **Position**: Technical Team Lead(Front-end)
  - An Internal mobile application used at Andela that allows staff to check-in for meals (breakfast, lunch, dinner) using their staff badges. Technical Skills include React, React-native, Typescript, Node.js, Express, Mongo
    Github: https://github.com/meshack-mbuvi/meals-backend

- **Medium clone**
  - **Position**: Software Engineer Trainee
  - Technical Skills include: Django, React, Redux, Postgres
  - Github: https://github.com/andela/ah-magnificent6

- https://access-afya-challenge.herokuapp.com/
  - Sample analytics page. Technical Skill - React
  - Github - https://github.com/mikenthiwa/access_afya_challenge

- https://sovetech-front.herokuapp.com/
  - A level up project(web application) that displays random jokes. Technical Skills - React Apollo, React hooks, GraphQl, Apollo server, Express, Node.js, Postgres
  - Github - https://github.com/mikenthiwa/sovtech_challenge_front_end
    https://github.com/mikenthiwa/sovtech_challenge_back_end

- **Simple crud application**
  - Simple CRUD application that allows users to view, add, update and delete items. Technical Skills: React, Redux, Redux, Nodejs, Express, Postgres, Socket.io.
  - Github - https://github.com/mikenthiwa/pos_front_end
    - https://github.com/mikenthiwa/POS_backEnd

2018 August - 2019 October: Andela

[Software Engineer]: Responsibilities
- Build features for web and mobile applications. An example of a feature I built was a user should be able to search for employees to register them for meals using React Native and Nodejs.
- Write automated unit, integration, and regression tests.
- Set up CI/CD deployment pipelines.
- Database design and administration.
- Building RESTful API services.
- Integration of third-party APIs e.g. Social Authentication.
- Review Pull requests for features, bugs, and chores.
- Mentoring junior developers while acting as a Technical Team Lead.

2016 June – 2017 January: Kenyatta National Hospital

[IT Officer 3]: Responsibilities
- Receive and handle calls from users related to network, printing, and pc issues and ensures the issues are logged in into a helpdesk Ticket Management System (Spiceworks).
- Installing and improving a wide range of network equipment (Checkpoint Firewall, Cisco Catalyst switch 2960 series, Access Points (TP-link, HP), Smart APC.
- Troubleshoot issues with the network to make it run more efficiently and to avoid future problems.
- Working within a TCP/IP environment network environment, including DHCP, DNS STP, PVST+, MST, and Ethernet.
- Developing the infrastructure and systems to meet the requirements of the organization.
- Maintaining a wide range of computer hardware and software
- Configuring Switches within the hospital (Cisco Catalyst 2960, 3750 series) to support VLAN, and redundancy i.e. spanning tree protocol such as (MST) setup.
- Configuring cisco router (1900 series) to communicate with other routers within the hospital. Good understanding of routing protocols.

2016 May - 2016 June: Stealth East Africa Limited

[Field Technician]: Responsibilities

- GSM, BTS rank, and microwave link installation.
- VSAT Recovery.
- Site Maintenance.
- Shelter building and Site affecting.
- Report any accidents that may occur to a cell tower.
- Deliver and collect goods and messages as required.
- Asset tagging.Investigating, diagnosing, and resolving all network problems

2015 November – 2016 April: Syokinet Solutions Limited

[Network Engineer]: Installing and maintaining a computer network based on Linux and Microsoft technologies. Working as a part of a team and operating in a fast-paced and challenging environment. Responsibilities include:

- Recovery of internet equipment's i.e. Outdoor equipment (Nano Station Loco M5), Indoor equipment (Access point: TP-Links, D-Link, Cisco Telesom)
- Administering and Designing LANs, WANs, Internet/Intranet and voice network.
- Investigating, diagnosing, and resolving all network problems.
- Cisco and Mikrotik configuration, in particular, Vlan, OSPF, DHCP, NAT, and access-list configuration and troubleshooting.
- Communicating and negotiating with clients and suppliers.

2014 April – 2014 November [Africa Medical Research Foundation]

[Intern]: Responsibilities
- Respond to telephone calls, instant messages, and emails.
- Documenting, tracking, and monitoring all IT related problems at the organization to ensure timely resolution.
- Support, monitor, test, and troubleshoot hardware and network-enabled devices
- Recommend and schedule repairs via vendor or hands-on.
- Assist users with their Microsoft Outlook accounts set up and troubleshoot any problems they may face.
- Install and configure workstation based on company needs and requirements.

2017(Jan – March) [Computer Pride]

[Certificate]

- MCSA (Microsoft Certified Solution Associate)

2015 (April – September) [Strathmore University]

[Certificate]

- CCNA (Cisco Certified Network Association) 1, 2, 3 and 4.

CISCO ID: CSCO13064738

2011 – 2015   [Jommo Kenyatta University of Agriculture and Technology]

[Degree]

- BSc. Information technology

Grade attained: Pass

REFERENCES

Samuel Kubai

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