Rushil Shah

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Computer Scientist Profile

Highly competent individual currently pursuing graduation degree in BSc Computer Science with proven success and ability to deliver an excellent services to clients. Credited with advanced qualifications to excel in engineering industry and make contribution to an organization that paves the way for professional advancement. Proficient in IT and customer support with hands-on experience in fast-paced environments demanding strong organizational, technical and interpersonal skills. Multilingual with fluency in English, Gujarati, Hindi, and Swahili.

Areas of Expertise

- ReactJS Applications (PWA)
- Full Stack Development
- MVC Development
- Cyber Security

- Process Designing
- Troubleshooting & Debugging
- Web Designing
- Systems Development Life Cycle

- System Integration
- Java Programming
- Devices & Networks installation
- Test Driven Development

EDUCATION

BSc Computer Science | The University of Sheffield, Sheffield, South Yorkshire, 2016 - 2019
75/100 in Final year dissertation – other modules available on request
Final Grade: 2:1 (Achieved)

A levels | Oshwal Academy Nairobi - Senior High, 2014-2016
Subjects: Mathematics A, Accounting A*, Physics C, AS Level Information Technology D

O level | Oshwal Academy Nairobi - Junior High, 2009-2014
Subjects: Mathematics A*, English A*

EXPERIENCE HIGHLIGHTS

BITHOSTKENYA, Nairobi, Nov 2019 – Present

Founder

Built my own server hosting website which provides customers with Cloud based servers, Virtual Private Servers, Dedicated Servers and our own DDoS protection service. With previous experience in linux based systems and hosting websites, this platform allows me to expand my knowledge and build a bridge between different locations by providing other countries with Kenyan Based servers and Offshore Servers for Kenyan customers.

Key Accomplishments:

- Expanded my knowledge about servers, operating systems, cloud and virtually built servers
- DDoS Protection is essential for cyber security and hence very important for servers
- Deeper understanding about network systems and IP protocols.

FREELANCER, Nairobi, Aug 2018 – Present

Software developer

Produced full stack programs in Django, Ruby, ReactJS, PHP with the use of various different databases such as MySQL, PostgreSQL, MongoDB. Creation of RESTFUL API's as well as putting them to use in different languages. Customer interaction using Telegram Botting and PHP webhooks. To view my portfolio or to get more information on the above please visit my website.

Key Accomplishments:

Continued…

- Learning new languages in short periods of time
- Application security and vulnerabilities
- Increase communication skills and customer relations

UNIVERSITY OF SHEFFIELD SOFTWARE HUT, Sheffield - UK, Feb 2018 – May 2018

Agile Development Lead Developer

Developed a Ruby on Rails website with full functionality for a client in the National Technicians Center. The site allowed them to record Technician Tasks and their personal activities with the functionality of moving their profile from one system to another as different universities use this. Below is their brief project details;

"The aim of this project is to construct a system that can be used by technical staff within universities, in order to record their activities relating to Continuing Professional Development (CPD). It would also allow them user-friendly facilities to create reports, so that they can access and share the data."

Key Accomplishments:

- Worked in a team of 5 coders, 1 manager and 1 client (3 representatives).
- Co-ordinated the entire system between 5 members of whom I was the main developer.
- Boosted my representative and developer skills with a step up in communication skills too.
- Worked under high levels of pressure with balancing other university work to meet client deadlines.

ENGINEERING YOU'RE HIRED AND GLOBAL ENGINEERING CHALLENGE, University of Sheffield - UK, Jan 2017 And Jan 2018

Team Member

Global Engineering Challenge: Communicated with teams to develop safety procedures for animals with the help of technology and innovation. Planned and executed Acoustic sensors to detect animal movements in best possible manner

Engineering You're Hired: Worked in a team of Mechanical, Electrical and Aerospace Engineers to come up with a "Artificial Intelligence for home systems and safety" which would take current Smart Homes a level higher.

Key Accomplishments:

- Built positive relationship with each participant of organization and fostered positive connections between participants.
- Delivered presentations for audience, which helped to improve presentations skills. Collected required data and formulated reports and statistics based on animal deaths.
- Statistical research on Smart Homes based in the UK and AI being the best solution for safety and security.

Additional experience as Design, Network & Security Manager(Wild Elegance Nairobi), Techincal Intern(Oshwal Academy Nairobi), Trainee Designer(Wild Elegance Fashions) and Assistant Accountant(Shreeje Jewelers).

TECHNICAL PROFICIENCIES

React JS| PHP| TelegramBot| Java Programming| Python| Haskell| Ruby On Rails| Macos, Windows, Linux (Centos, Debian and Ubuntu)| SQL| Eclipse| HTML, CSS and JavaScript| HTML5 and Bootstrap| Pseudocode| Adobe Photoshop and Lightroom| Word, Excel and PowerPoint| Ethical Hacking| Arduino IDE (IoT)| MySQL & PostgreSQL

REFERENCES

Dr Siobhan North (Senior Lecturer & Dissertation Supervisor) | Telephone: +44 (0) 114 222 1835 | Email: s.north@sheffield.ac.uk