

# Rushil Shah

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## Software Engineering 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

- IT Operations
  - Software Applications
  - Quality Assurance Management
  - Design Patterns
  - Process Designing
  - Troubleshooting & Debugging
  - Web Designing
  - Systems Development Life Cycle
  - System Integration
  - Java Programming
  - Devices & Networks installation
  - Test Driven Development
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## 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\*

**Achievements:** Kenyan National Level Science Congress, 1<sup>st</sup> Position Inter-School Science Congress

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## EXPERIENCE HIGHLIGHTS

**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

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## 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.

**WILD ELEGANCE FASHIONS**, Nairobi - Kenya, Summer 2017

## Designer, Network & Security Manager

Developed professional association with clients in order to finalize logos. Designed logo printed T-shirts by adhering company's standards and policies. Delivered support to all stakeholders in the firm as well as held accountable for network and devices setup for organisation.

### Key Accomplishments:

- Mapped several plans relating to designing of logos that helped to improve brand visibility.
- Installed applications and operating system while offering assistance relating to troubleshoot system and network problems. Co-ordinated with several employees to improve IT services.
- Demonstrated experience to work under pressure with expertise as well as maintained a network of 27 Computers attached to the network.

**OSHWAL ACADEMY NAIROBI**, Nairobi - Kenya, Summer 2014

## Technical Intern

Examined and sustained systems and networks within the company as well as functioned with senior IT staff to accomplish task within assigned budget and time. Formulated reports and documents relating to evaluation of new technology.

### Key Accomplishments:

- Utilized latest software and technology to link PC's to local networks with account management system. Efficiently executed Windows workgroup on 75 computers and 900 student accounts.
- Enhanced technical proficiency of organization by troubleshooting computer hardware and operating systems.

**Additional experience as Trainee Designer at Wild Elegance Fashions and Shreeje Jewelers as an Assistant Accountant.**

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## TECHNICAL PROFICIENCIES

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