**NURUL AMANINA BINTI AHMAD FAUZI**

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**PROFILE SUMMARY**

A highly enthusiastic and hardworking student who has recently completed her postgraduate course (MSc Computing (Software Engineering)) with strong leadership, communication and computing skills, seeking a graduate/permanent job. A self-taught Full Stack Web Developer and possesses a range of technical and soft skills required to assist the company to achieve its objectives and to further knowledge in programming. Currently possessing a Tier 4 student visa and would require a Tier 2 working visa sponsorship on order to work within the UK.

**EDUCATIONAL BACKGROUND**

**MSc COMPUTING (SOFTWARE ENGINEERING), UNIVERSITY OF NORTHAMPTON** *(October 2019 – November 2020)*

Modules include:

* Database (**Neo4j - NoSQL Cypher Query Language**) (A)
* Visual Object Software (**Java,** including **JavaFX**) (B)
* Modern Computer Architecture (**VHDL**) (A-)
* Intelligent Systems (**Java + Prolog,** including **Data Structure**) (A)
* Computer Security (Assignment involve researching and applying **SSL/TLS**) (B+)
* Software Engineering (including **Agile Methodology**. Project: Creating a home alarm system by using **JavaFX** and applying **Agile Methodology**) (A-)

**DISSERTATION TOPIC**: Implementing mobile application that recommends hills for users to hike. (using **Expo’s** **React Native** (incl. **React Hooks**) + **Node.js** + **Neo4j**), Test method: **Usability testing** (also **API Testing** using **Postman**), Methodology used: **Agile-Waterfall Hybrid,** GRADE**: A-**

**BEng SOFTWARE ENGINEERING, SHEFFIELD HALLAM UNIVERSITY** *(September 2016 – May 2019)*

Modules include:

* Object-Oriented Programming (**C++)**
* Database Systems for Software Applications (**SQL**)
* Web Application Development (**Javascript**, **PHP**, **CSS**)
* Networked Software Development (**Java**)
* Application: Architecture and Framework (**React**, **Express.js, MongoDB**, **Node.js**, **EJS**)
* Case Study: Software Design (Groupwork: **Designing a Voting System**, Main role: Software Tester (used **Selenium**), Methodology used: **Kanban**)

**DISSERTATION TOPIC**: Implementing mobile application for Hotel Room Attendant (using **Expo’s React Native** + **MongoDB Stitch**), Test method: **Usability testing**, Methodology used: **Agile-Waterfall Hybrid**

**DIPLOMA IN COMPUTER SCIENCE, UiTM (UNIVERSITI TEKNOLOGI MARA), MALAYSIA** (*June 2013 – September 2015*)

* Built an online food ordering website (**HTML, CSS, JavaScript and PHP**).
* Built a cashiering system for university’s cafeteria (**in C++)**

Final Year Projects:

**WORK EXPERIENCE**

**QUALITY ASSURANCE INTERN FOR VESUVIUS** *(July 2017- August 2018)*

Based in Chesterfield, this is a part of my university’s Year 3 Work Placement. Responsibilities include:

* Writing test scripts, test cases and test plans for a software using Excel.
* Running multiples types of tests such as regression testing, functional testing and acceptance testing.
* Additional types of tests conducted include performance testing and security testing.
* Writing bug reports using Microsoft TFS and later, sending them to programmers for further inspection (sometimes, telling them face-to-face).
* Programming SQL for testing purposes (e.g: searching if any new information appears in the database).
* Software worked on included: **SOP2**, **SAP**, and **Vicsys**

Through my experiences in this company, I have learned to:

* Prioritize my work and learned to use my time well so that my deadlines are met.
* Increase my confidence in speaking (e.g: lead a meeting when IT Manager is not present).
* Become comfortable with excessive work amount and working under pressure.

***(Reference letter below)***

**TECHNICAL SKILLS:**

* Programming – **Java, JavaFX, VHDL**
* Web Programming – **JavaScript, CSS, React.js, React Native, Node.js**, **Express.js**
* Testing – **Postman** (**API Testing**), **Selenium**, Writing **Gherkin** test cases, **Excel** spreadsheet
* OS – **Windows 7, Windows 10**
* Database – **SQL**, **NoSQL** (have experiences using **Neo4J**, **MongoDB** and **MongoDB Stitch**)

**ACHIEVEMENTS**

* First place, Public Speaking Deputy Rector’s Cup Challenge (Topic: World Peace) (*2014*)
* Finisher, UiTM (Universiti Teknologi MARA) 1 Malaysia Orienteering Challenge (*2014*)
* Volunteering - Helped victims of flooding during a monsoon season at the Eastern Coast of Malaysia by cleaning out a local village’s multipurpose hall. *(2014)*

**INTERESTS**

In my spare time, I enjoy reading high fantasy books for I love creative stories and it is also a good exercise to expand my imagination. I also enjoy outdoor activities such as hiking and trekking for, not only these activities are an excellent stress reliever, but simply because I love adventures.

**REFERENCES**

DR. SURAJ AJIT

SOFTWARE ENGINEERING LECTURER

UNIVERSITY OF NORTHAMPTON

suraj.ajit@northampton.ac.uk

THOMAS SHUTTLEWORTH

QUALITY ASSURANCE

VESUVIUS LTD, CHESTERFIELD

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Thomas Shuttleworth

QA Team Lead

1850 Sheepbridge Lane

Chesterfield, S41 9RX

October 25th, 2018

Dear Sir or Madam,

I am writing to recommend Nina Fauzi for the position of at your company. I had the pleasure of working directly with Nina during her student internship at Vesuvius. Where her role was as a QA Analyst for the IT department, working on software developed internally, and her abilities provided valuable work. I was Nina’s direct supervisor at Vesuvius, and during that time we worked closely together, so I can fully recommend her based on her abilities.

Nina was incredibly dependable within the company projects she was involved in, taking charge of the testing where needed, finding many problems with the software developed, organising testing with End-Users to establish greater confidence in the system and to trial business processes before released into production.

Nina’s great connection with the business users meant for each release of the new software she could contact them repeatedly for End-User testing, and her preparation meant their time was used efficiently and not irritated with testing not related to them, maintaining the IT-Business relationship need to deliver a successful product. Her dedication to her work meant her work quality was exceptional and on time. Nina is also able to work effectively with other co-workers, making her a great addition to the team. Nina was always willing to learn new techniques and to advance upon those leant in university, to improve the work produced by the QA Team.

With her abilities, dependability, and dedication, Nina will make a great additional for your company. I have no doubts you will be extremely pleased if you hire her, she would be a great asset for any business.

If you have any questions, please feel free to contact me at the above address.

Yours faithfully,

Thomas Shuttleworth