



Sheikh Aquib Mahmood

Passionate, hard-working, and committed individual who is looking towards diligently applying themselves and growing through working in difficult and challenging environments in the industry.

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EXPERIENCE

Wunderman Thompson, Bangladesh — *P1, Software Product Engineering*

JANUARY 2022 – PRESENT

- Created and deployed several landing pages for Microsoft.
- Created and deployed several EDMs for Microsoft.

Key Technologies: JavaScript, CSS, HTML.

Configura, Malaysia — *Application Developer Intern*

JULY 2019 – DECEMBER 2019

- Created several gadgets/dashboard items for Jira to increase overall productivity of teams within the company.
- Team of 2 developers and 2 mentors.

Key Technologies: JavaScript (with JQuery), Java.

EDUCATION

Monash University Malaysia, Malaysia — *Bachelor of Software Engineering (Honours)*

FEBRUARY 2017 – JANUARY 2021

- Graduated with First Class Honours and a GPA of 3.625

PROJECTS

Kanban Board — *Personal Project*

FEBRUARY 2023 – MARCH 2023

- Creating a Kanban Board somewhat similar to Trello.
- Project is considered feature complete, with future possibilities (e.g. sharing of boards, email confirmation etc.)
- [Project Github](#).
- [Link to Project](#).

Key Technologies: MERN stack (MongoDB, Express.js, React.js, Node.js)

Piggybacked Android Applications: An Empirical Study on Distribution and Patterns of Malware — *Course Research Project, Team*

JULY 2020 – NOVEMBER 2020

- Gathered APKs from AndroZoo.
- Implemented algorithm to extract dependencies in malware applications.
- Performed statistical analyses on dependency data.
- Evaluated results and expressed the findings in the form a research paper.

Key Technologies: Python (using SciKitLearn).

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, Ruby, HTML, CSS, MARIE, MIPS

Frameworks: Flask, React.js, Node.js, Ruby on Rails

Operating Systems: Microsoft Windows

Databases: SQL (PostgreSQL, Oracle SQL), NoSQL (MongoDB)

Tools: Git, Jira, Asana, Trello, UMLet, LucidChart, Android Studio, Oracle SQL Developer

SOFT SKILLS

Problem Solving, Teamwork, Written Communication, Critical Thinking, Agile Methodologies, Strong Sense of Responsibility, Eagerness to Learn and Improve, Determined and Goal Oriented

AWARDS

Monash Faculty of Engineering Dean's Honours List for 2018 & 2020, Monash High Achiever Award

LANGUAGES

English, Bengali

INTERESTS

Art and Animation, Reading Books, Playing Video Games

Final Year Project Management System — *Course Project, Team*

MARCH 2020 – NOVEMBER 2020

- Created web application for Monash University Malaysia School of IT, to allow them to create groups, manage and view final year projects, reimburse project expenses, and mark tasks submitted by students.
- Multi-group project using microservices. My group worked on the marking and reimbursement modules.

Key Technologies: JavaScript (with React.js), Python (with Flask).

Emotion Recognition in 2D Face Images — *Course Research Project, Team*

MARCH 2019 – JUNE 2019

- Created and implemented algorithm to extract key feature points from 2D face images and determine the emotions on them.
- Created a database using key feature points from the images.
- Gathered data from several online sources and trained an AI model to identify key feature points on the face.
- Analyzed the performance of the algorithm and the AI model and expressed the findings in the form of a research paper.

Key Technologies: MATLAB.