



Saad Bin Zafar

Backend/Web Developer



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<https://saadzafar.github.io>

Profile

A motivated and hardworking individual with a penchant for anything IT or computer related. What he lacks in experience, he makes up with his eagerness to learn new tricks and skills from anyone - regardless of the industry they're working in.

Coding Skills

JavaScript/JQuery	● ● ● ● ●
Node.JS	● ● ● ● ●
HTML5/CSS	● ● ● ● ●
PHP	● ● ● ● ●
C/C++	● ● ● ● ●
Angular	● ● ● ● ●
GraphQL	● ● ● ● ●
Git	● ● ● ● ●

Platforms

AWS	● ● ● ● ●
Google Cloud	● ● ● ● ●
Firebase	● ● ● ● ●
Freshdesk	● ● ● ● ●
Elasticsearch	● ● ● ● ●

Software

Linux	● ● ● ● ●
MS Office	● ● ● ● ●
Adobe Photoshop	● ● ● ● ●
VS Code	● ● ● ● ●
WireShark	● ● ● ● ●

Hardware Skills | Soft Skills

Hardware Maintenance	● ● ● ● ●
Network Maintenance	● ● ● ● ●
Cisco CCNA	● ● ● ● ●
Teamwork	● ● ● ● ●
Multi-tasking	● ● ● ● ●
Problem Solving	● ● ● ● ●

Education

Bachelor of Computer Science, 2013-2016
Swinburne University of Technology CGPA: 3.33 / 4
KUCHING, MALAYSIA

A-Levels, St. Patrick's High School 2010-2012
KARACHI, PAKISTAN

Interests



photography



music



movies



gaming



reading

Extra-Curricular Activities

Head of IT - Swinburne Sarawak Student Council, Kuching, Malaysia	2016
Director - Student Recreation Center @ Swinburne, Kuching, Malaysia	2016
Chief Organizer - DOTA Competition @ SwinCarnival, Kuching, Malaysia	2016
Event Photographer - MOZO (bar & club), Kuching, Malaysia	2015

Projects

UNDERGRAD FINAL YEAR PROJECT

Health Care System
Website (doctors) + Android app (patients)
Website to be used as a portal for doctors to register patients and monitor their progress
App to be used by the patients to upload their medical data (heart rate, blood glucose, etc.) daily, set pill/appointment reminders and view a list of pills and their details
Data from app uploaded to server to be viewed in real-time by the doctors (graph view)
Doctors are able to download the data as spreadsheet for clinical studies

Work Experience

Radica Software Sdn. Bhd. Software Development Intern

AUG 2016 - FEB 2017

Vecta is an online, real-time collaborative, precision diagramming tool for individuals and teams to boost their productivity.

Main Responsibilities:

- ~ Create an authentication system that would allow only users of Vecta to query the Elasticsearch database.
- ~ Designing a permission structure for the Firebase database

- ~ Designing the structure for symbols which serve as pre-designed templates to be used by the users.
 - ~ Deployment of the web application on Amazon Web Services Elastic Beanstalk
 - ~ Designing and implementing a new LAN for the office with attached NAS
- Technologies exposed to:
- ~ JavaScript, JQuery, AJAX, PHP, HTML5, CSS, Node.JS, Firebase, Elasticsearch, DynamoDB

Trasso Sdn. Bhd. Application Development Executive -Lead Backend Developer FEB 2017 - PRESENT

Trasso is a startup company set up in Kuching, Malaysia to boost the e-commerce industry in the state of Sarawak. I was one of the founding members and have been serving as the lead backend developer.

Trasso's flagship product is i-fix, an application that serves as a platform for Repairmen and the Customers to connect. i-fix allows Repairmen to sign-up and bid on jobs posted by Customers. Job posters can then browse through the bids by repairmen on their job and hire a Repairman of their choosing.

Main Responsibilities:

- ~ Design the complete database structure for i-fix on Google Firebase.
- ~ Create the i-fix Web Application using Angular.
- ~ Create the Trasso and i-fix Application Landing Pages (<https://trasso.io> & <https://i-fix.io>)
- ~ Create the API and backend logic for the i-fix mobile apps to interact with the database.

References

Dr. Patrick Then Hang Hui, Associate Dean - Computing, Swinburne University of Technology
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Mr. Thomas Yip, CEO, Radica Software Sdn. Bhd.
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