Tineskumar A/L Tiagarajan

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SUMMARY

A 22-year-old Fresh Graduate Computer Engineering student from University Technology Petronas who is deeply passionate about Software Development, Data Science, Machine Learning as well as Full Stack Development and seeking to get an opportunity in such fields to further strengthen my knowledge from industry experts.

SKILLS

- Leveraged knowledge and familiar in using C/C++, JAVA, PYTHON.
- Strong understanding of HTML, CSS, SCSS, and frontend-UI libraries such as MaterialUI and ChakraUI.
- Experienced in using frontend animation libraries such as Framer Motion.
- Experienced in using NoSQL databases such as MongoDB and Firebase.
- Leveraged knowledge on MERN Stack for Web-Application Development. (MongoDB, ExpressJS, ReactJS, NodeJS).
- Familiar with React-Native Codebase and leveraged knowledge on state-management tools such as React-Redux.
- Have good knowledge of UI/UX Design Principles and a sense of intermediate knowledge on designing visually stunning websites and applications using tools like Figma.
- Experienced in building data science project with R.
- Experienced in building Final Year Project with Python, Tensorflow and Keras.
- Leveraged knowledge in Spark and Hadoop.
- Ability to work in a fast-paced environment, able to work calmly under serious and stressful conditions and have passion and deep interest in software development as well as Machine Learning.

EDUCATION

Sekolah Menengah Kebangsaan Subang Jaya (1/2012 – 11/2016)

- Assistant Head of Discipline Department | 01/2013 - 11/2016

- President Of English Society Club | 01/2014 - 11/2016

- President Of Public Speaking Club | 01/2014 - 11/2016

- Participant Of District-Level Public Speaking Competition | 05/2014 - Present

- Second Runner-Up of Asia-Pacific University Public Speaking Competition | 04/2015 - Present

- Winner Of State-Level Public Speaking Competition | 05/2016 - Present

- Second Runner-Up of Youth Engineering Competition Organized by Local Universities | 04/2016 - Present

- Overall Best Futsal Player for Inter-Class Futsal Tournament | 09/2016 – Present

- Scored 8A+ 1A for the 2016 SPM EXAMINATIONS

Sunway University College (3/2017 – 10/2017)
- Achieved 93.1 ATAR upon course completion and received award for High Achievers of AUSMAT (Australian Matriculation) 2017| 10/2017 – Present

University Technology Petronas (1/2018 – Present)
- Currently pursuing Bachelor's in Computer Engineering and in 4th Year Final Semester of Undergraduate Course with CGPA Of 3.47 and expected graduation on December 2021.

WORK EXPERIENCE

- Worked as a tuition teacher for higher secondary students as well as personal tutor for subjects like Chemistry, Physics, Biology, Additional Mathematics, and Modern Mathematics | 12/2016 – 12/2017

- Interned at TNB Malaysia as a Software development intern mainly focusing on Web application development. I was responsible in building an online e-commerce application using Mongodb Database, ExpressJS framework, React JS framework and NodeJS framework which was all built upon Javascript.

- Freelanced as a web developer for building advertising websites using ReactJs.

PROJECTS

- E-Commerce web application using MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS).
- Online database management system using MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS).
- Built an advertising website for Global Gateway Freight Forwarding agency using ReactJS and Framer Motion.
- Personal ReactJS projects as part of self-development to learn new and emerging programming technologies.
- A Real-Time Dashboard for Monitoring Covid Cases and Patients using ReactJs and Firebase database.
- An Ensemble Approach for American Sign Language Classification using Long Short-Term Memory Models (A real-time gesture recognition system using Python and MediaPipe Hand-Tracking Model).

Tineskumar

Personal website: https://dev-nesh.vercel.app/

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21st December 2021

Hiring Manager

Dear Mr/Mrs

My name is Tineskumar, and I am a fresh graduate in Bachelors of Computer Engineering from Universiti Teknologi Petronas. I will be graduating in December and would like to express my interest towards the entry-level programmer career opportunities in your organization. I am eager to enter the workforce and would strive to help the company.

Growing up, I have always taken a liking to all things in tech and digital, which led to me picking Computer Engineering as my path. Apart from all the courses taken throughout my study, I have always explored different technologies and frameworks in the world of Software Development. Apart from university and textbooks, I have passionately joined many online courses to learn software development with new frameworks and technology. I feel that a student's knowledge should not be restricted to just university curriculum and textbooks but to explore the industry standard technologies which are not taught in universities.

During my third year of study, I interned at TNBX which is a subsidiary of TNB Malaysia. I interned as a web developer mainly working on Javascript, designing, and building responsive websites and web applications. I worked on both the frontend languages as well as the backend languages. My major project was to build a prototype of an e-commerce platform to market the upcoming products of the company. The technology stack of this web application was using the MERN Stack which consists of MongoDB database, ExpressJS framework for easy route declaration, ReactJs for frontend development and NodeJS. The entire experience was exciting as it was never taught in any of my courses. The prototype was successfully built, and it made me an independent person as I learnt all those technologies by myself with minimal guidance.

As for my final year project, I worked on an Artificial Intelligence based real-time gesture recognition system built with Python, Tensorflow and Keras. This project has further sparked my interest towards Artificial Intelligence and has deepened my understanding of how Neural Networks work. These projects have shaped me into someone that is able to work with minimal guidance and to deliver good progress. I believe such qualities are significant for a fresh graduate to excel and I feel that I could offer the company these qualities.

What excites me the most is that the IT sector today provides a great medium for graduates like me to further excel in the field of both Hardware and Software development. As new technologies emerge, it would be a life changing opportunity to work in companies that prioritize the exposure of their employees towards such technologies.

I look forward to putting my knowledge and skills to use as a productive member in any department and learning from the best in case I get selected. Thank you for reading up till here and I look forward to your feedback or call.

Sincerely,

Tineskumar
Computer Engineering Student
Universiti Teknologi Petronas