

# Muhammad Hilman Bin Ahmad

Software Engineer at Porsche Malaysia (Sime Darby Auto Performance Sdn. Bhd.)



**Age** 30 years old

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**Website** [www.hilmanahmad.com](http://www.hilmanahmad.com)

**Availability** 3 months

## SUMMARY

Since I was working on a simulation-based project for my Master's Degree in Electrical Engineering with a major in Computer and Nano-electronic Engineering back in 2017, I have been learning how to code. Fast forward to today. I have experience working in **Telecommunication Company**, a **PropTech Industries**, a **freelancing job** for a start-up and **Luxury Automotive Company** which my current role is Software Engineer doing digitalisation and visualisation for internal systems for the company. During my free time, I have developed my own projects to gain experience in new technologies.

## SKILLS

### Programming Languages:

JavaScript (3), TypeScript (3), HTML (3), CSS (3), Python (2), Java (1)

### Libraries & Frameworks:

Angular (3), Angular Material (3), TailwindCSS (3), React (2), Next.js (2), Material UI (2), Loopback 4 (2), Prisma (2), GraphQL (2), ngx-bootstrap (2), React Native (1), Redux Toolkit (1), Spring (1)

### Tools & Platforms:

Git (3), GitHub (3), GitLab (3), BitBucket (2), Jira (2), Google Firebase (2), Vercel (2)

**\*\*Level:** 1 - Beginner | 2 - Intermediate | 3 - Expert

## EXPERIENCE

Porsche Malaysia (Sime Darby Auto Performance Sdn. Bhd.), Petaling Jaya, Selangor

### **Software Engineer** | February 2023 – present

- Develop the IT infrastructure and solutions on timely basis as assigned by the Company Management.
- Contribute to the development of Digitalisation vision and strategies of the company in promoting business growth
- Maintain good relations with key personnel and stakeholders within the organisation.
- Gather relevant knowledge and market information to ensure the company is well positioned to benefit from the latest know-how and take advantage of the continuously evolving market and business environment in the automotive industry
- Continuously explore possible improvements for the Company
- Assist and advise other departments in any business development needs and enquiries
- Ensuring the budgeted Capex for the specific business development projects are managed appropriately in order to maximise the returns
- Responsible for best value of service is obtained via specific negotiation endeavours
- Monitor all related budgets throughout the year to ensure spending levels are as budgeted.
- Assist the various departments in establishing and reviewing the relevant Standard Operating Procedures (SOPs) in compliance with the Principal's guidelines and also Sime Darby's.
- Advise and assist other relevant departments about specific projects coordinated by the Principal's Business Development team or any other special projects by Sime Darby or the Principal.

## Servedeck Innovation Sdn. Bhd., Bangsar South, Kuala Lumpur

### **Senior Front End Developer** | February 2022 – January 2023

- Performed role as senior front end web developer in various projects and providing a solution to the clients.
- Develop enhancements to software according to approved designs and following industry best practices and quality standards.
- Collaborate closely with product designer, back end and front end developers to refine and improve the product.
- Provide a high maintainable code using Angular 11 for other developer use for product and projects.
- Involved on other projects as lead front end development to create shareable component.
- Assist junior front end developers on knowledge sharing on product and technologies used.
- Troubleshooting and debugging to optimise performance.
- Interview candidates for front end developer roles for open vacancies.

### **Software Developer** | June 2021 – February 2022

- Performed software developer role in various projects and providing a solution to the clients.
- Working as a part of a dynamic team to deliver winning products.
- Supporting continuous improvement by investigating alternatives and new technologies and presenting these for architectural review.

## Telekom Malaysia Research & Development Sdn. Bhd., Cyberjaya, Selangor

### **Front End Developer** | May 2020 – June 2021

- Performed role as front end web developer in product and providing a solution to the user.
- Develop every module and features based on UI/UX and URS.
- Deliver a good quality code for a few modules development based on a given requirement.

## Amalgamated Metal Corporation (M) Sdn. Bhd., Kuantan, Pahang.

### **Quality Control Engineer** | November 2019 – April 2020

- To inspect all fabrication work that comply with Code requirements such as material verification and etc.
- Conducting required inspections and prepare report such as Manufacture Data Report (MDR) for company and client references.

## Electronic and Computer Engineering Dept., Universiti Teknologi Malaysia, Skudai, Johor.

### **Research Assistant** | September 2017 – August 2019

- Virtually fabrication and design the device using floating gate floating gate (FG-MOSFET) using simulation.
- Development the future product using new materials (graphene, carbon nano-ribbon).
- Attend various conference and published paper.

## SELECTED ROJECTS

**Harmony** | Web app and Mobile app for Digitalisation and Visualisation for internal Porsche Malaysia's staff

- Technologies: *Angular, ngx-bootstrap, React Native, Apollo GraphQL, Loopback 4, MSSQL*

**Helowatch** | Malaysia online premium watch trading platform & marketplace

- Technologies: *Angular, Material, TailwindCSS, MariaDB, jHipster, Spring, RxJS, ngx-translate*

**Servedeck** | Smart solutions for facility operations & management

- Technologies: *Angular, Material, React Native, Redux, MariaDB jHipster, Spring, RxJS, ngx-translate*

**Edgenta NXT** | World-class cloud technology in Malaysia, as well as access to a suite of proprietary cloud-based management solutions

- Technologies: *Angular, Material, Strapi, ng-zorro, Google Analytics*

[More Projects →](#)

## EDUCATION

### **Master of Philosophy in Electrical Engineering (4.00)**

*Universiti Teknologi Malaysia, Johor Bahru*

2017 - 2020

### **Bachelor of Science (Hons.) Physics (3.29)**

*Universiti Teknologi MARA, Jengka*

2014 - 2017

## REFERENCES

**Shanusha** | *Senior HR, Porsche Malaysia (Sime Darby Auto Performance)*

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**Amanda Ng** | *HR & Admin Manager, Servedeck Innovation*

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