

Muhammad Hilman Bin Ahmad

Senior Front End Developer at Mandrill Tech Sdn. Bhd.



Age 31 years old

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Availability 2 months

SUMMARY

I am a Senior Front End Developer, specialising in the implementation and optimisation of JavaScript frameworks such as Angular and Next.js. In addition, I play a pivotal role in nurturing product design and development, ensuring the alignment of the user interface and user experience with our business objectives.

CORE COMPETENCIES

- Front end development in Angular & Next.js
- Code architecture in Angular & Next.js
- Code review in BitBucket
- Wireframing in Figma
- Planning technical requirement in Jira

TECHNOLOGIES SKILLS

Languages:

JavaScript, TypeScript, HTML & CSS, Java

Libraries & Frameworks:

Angular, Angular Material, PrimeNG, TailwindCSS, React, Next.js, Material UI, Loopback 4, Prisma, GraphQL, ngx-bootstrap, PostgreSQL, React Native, Redux Toolkit, Spring

Tools & Platforms:

Git, GitHub, GitLab, AWS Amplify, Docker, Railway, BitBucket, Jira, Google Firebase, Vercel, Figma

EXPERIENCE

Mandrill Tech Sdn. Bhd., Bangsar South, Kuala Lumpur

Senior Front End Developer | November 2023 – present

- Assist in gathering client user requirements.
- Document design specifications for product management discussions.
- Develop software enhancements or corrections based on approved designs and industry best practices, company standards, and quality procedures.
- Support relevant documentation.

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

IT Engineer | February 2023 – November 2023

- Develop IT infrastructure and solutions promptly as assigned by management.
- Contribute to the company's digitalisation vision and strategies to foster business growth.
- Maintain positive relations with key personnel and stakeholder groups.
- Continuously seek potential improvements.
- Support and advise other departments on business development needs.

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

Senior Front End Developer | February 2022 – Jan 2023

Software Developer | June 2021 – February 2022

- Assist in gathering client user requirements.
- Document design specifications for product management discussions.
- Develop software enhancements or corrections based on approved designs and industry best practices, company standards, and quality procedures.
- Support relevant documentation.

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

Front End Developer | May 2020 – June 2021

- Conduct and execute frontend web development activities efficiently, aligning with division objectives.
- Provide independent support to the project team.
- Develop modules and features based on URS and XD design.
- Perform code reviews and maintain GIT.

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 WORK SAMPLES AND PROJECT INVOLVEMENTS

Lestar | [2024] Web app AI-Driven centralised data repository

- Technologies: *Angular 17, PrimeNG 17, ngRx, TailwindCSS, Spring, Tableau*

KiraLoan | [2023] Application to assist you to calculate your loans

- Technologies: *Next.js 13, Prime React, chart.js, Framer Motion, TailwindCSS*
- kiraloan.tornadobyte.com

DSR Calculator v2 | [2023] Application to assist you to calculate debt-to-service income ratio

- Technologies: *Next.js 13, Material UI, chart.js, next-intl*
- dsrcalculator.tornadobyte.com

PCB Calculator | [2023] Web application for calculate your PCB/MTD (Monthly Tax Deduction)

- Technologies: *Next.js 13, Material UI, chart.js*
- pcbcalculator.tornadobyte.com

Salary Calculator | [2023] Web application for calculate your detail salary

- Technologies: *Next.js 13, Material UI, chart.js, use-sound*
- salarycalculator.tornadobyte.com

Jayd - Prayer Time Tracker | [2023] Application for prayer time tracker sync with JAKIM API

- Technologies: *Next.js 13, Material UI, Apollo GraphQL, Prisma, PosgresQL*
- jayd.tornadobyte.com

TornadoByte Web Page | [2023] Web page for our group of friends making products for hobbies

- Technologies: *Next.js 13, Material UI, Framer Motion*
- tornadobyte.com

DSR Calculator | [2023] Calculator for Debt Service Ratio (DSR) with data visualisation

- Technologies: *Next.js 13, Material UI, Vercel, chart.js*
- dsrcalculator.hilmanahmad.com

Harmony | [2023] Web app and Mobile app for Digitalisation and Visualisation for internal Porsche Malaysia's staff

- Technologies: *Angular 15, ngx-bootstrap, React Native, Apollo GraphQL, Loopback 4, MSSQL*

Servedeck | [2022] Smart solutions for facility operations & management

- Technologies: *Angular 11, Material, React Native, Redux, MariaDB jHipster, Spring, RxJS, ngx-translate*
- www.servedeck.com

Helowatch | [2022] Malaysia online premium watch trading platform & marketplace

- Technologies: *Angular 13, Material, TailwindCSS, MariaDB, jHipster, Spring, RxJS, ngx-translate*
- helowatch.io

EdgentaNEXT | [2021] World-class cloud technology in Malaysia, as well as access to a suite of proprietary cloud-based management solutions

- Technologies: *Angular 13, Material, Strapi*
- edgentanxt.com

ERA TM | [2020] The seamless web and app were designed to assist you in navigating your career development and improve your productivity

- Technologies: *Angular 5, Material, RxJS*
- era.tm.com.my

[More on hilmanahmad.com/project](https://hilmanahmad.com/project) →

EDUCATION

Master of Philosophy in Electrical Engineering (4.00)

2017 - 2020

Universiti Teknologi Malaysia, Johor Bahru

Bachelor of Science (Hons.) Physics (3.29)

2014 - 2017

Universiti Teknologi MARA, Jengka

REFERENCES

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

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Aan Hamdani | *Product Design, Servedeck Innovation*

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