



Hassan Aahil Mohamed

FULL STACK ENGINEER

Details

Cyberjaya

Malaysia

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Links

linkedin.com/in/hassan-aahil-m

newhill.github.io

Skills

Spring

Angular

NodeJS

MongoDB

MySQL

TypeScript

Java

Elastic Search

Ionic

React

Liferay DXP

Postman

Puppeteer

Docker

Jenkins

Figma

Full Stack Development




Profile

Hi. I am a seasoned full stack software engineer with over 9 years of experience focused on building robust enterprise solutions and crafting accessible mobile apps and websites.

Employment History


Full-stack Engineer at Core Systems Integration, Kuala Lumpur

2022 – CURRENT

- **Enterprise Platform, BNM** 
 - Utilized a diverse tech stack including Spring framework, JSP, HTML, SCSS, jQuery, Liferay DXP and Elastic Search to deliver an **Enterprise Platform** for Central Bank of Malaysia.
 - Led frontend integration with backend, troubleshooting data definitions and quality assurance fixes.
 - Experienced in building scalable microservices architecture solution. Created and enhanced utility libraries for code automation.
 - Designed report generation and visualization charts via 3rd party integrations, executing custom Boolean queries and index handling using Elasticsearch.
 - Handled Application Security Test fixes, including vulnerable library upgrades, code maintenance, and backend deployment.
- **eKYC Platform, TNB** 
 - Worked on revamping the **eKYC onboarding website** with a robust camera module, supporting both identification and identity verification using Jumio API for Tenaga Nasional Berhad.
- **Operations Platform, JPJ ePlate** 
 - Designed and developed the **Plate Lifecycle Management System** in Angular 17 for JPJ ePlate backend office.


Software Engineer at DHL IT Services, Cyberjaya

2021 – 2022

- **DHL Express Mobile App** 
 - Part of the dev team for the **DHL Express Mobile App**, responsible for fixes, enhancements and new features on both frontend and backend.
 - Key accomplishments: Managed deployments to app stores, led Ionic 3 to 5 frontend mobile tech refresh, integrated with 3rd party SDKs for Adobe Analytics and Medallia Customer Experience.
- **Admin Console**
 - Worked on **Admin Console** upgrades built on Angular frontend, NodeJS backend, MongoDB, which included user access management, configuration management, visual dashboards and Splunk integration.

Full-stack Web Developer at Supply Network Agency, Cyberjaya

2019 – 2020

- **Puffergroup** 
 - Revamped and redesigned **Puffergroup** website, leading DB redesign (MariaDB), core back-end development and optimization in PHP, Linux back-end server setup, and API function creation using Ajax.
 - Introduced web notifications, single sign-on, automated metric collection and reporting, and file upload drag-and-drop features.
 - Responsible for the initial research and study of existing solutions, debugging of existing client problems, and complete documentation.

Languages

Dhivehi

English

Malay

Data Quality Engineer at DXC Technology, Cyberjaya

2019 – 2021

- Worked in a critical role as a Data Quality Analyst, tackling client issues related to data sourced into and reported from the **Enterprise Data Warehouse**.
- Responsible for correcting and fixing duplication, incorrect transformation, and missing information via logic tracing, implementing changes in ETL dependencies, and creating or modifying SQL patch scripts.

Software Developer at DXC Technology, Cyberjaya

2018 – 2019

- Served in the R&D team for **SeaQuest** - an in-house Enterprise Database Warehouse solution owned by Hewlett-Packard Enterprise.
- Team lead for the Malaysia team, focusing on developing new and enhancing existing test suites for **HP Database Management System**.
- Involved in bug fixes, test cases, client software build & release, and L4 support.
- Tech stack includes Unix/Linux Shell, PERL, Jenkins, HP UFT & ALM.

Full Stack Developer at Maslaha Tech, Cyberjaya

2018

- Developed and released a hybrid mobile app called **Digital Masjid**.
- Built on Ionic, NodeJS, Express and MongoDB.
- Key features include events subscription and management, automated push notifications using Firebase, rating system, payment gateway for donations using SenangPay, search, Google Maps integration, distance calculation based on geo-location for event attendance, points collection & redeem system.

Database Administrator at Hewlett Packard Enterprise, Cyberjaya

2015 – 2017

- Integral part of a team managing and optimizing queries running on the **Enterprise Data Warehouse Database**.
- Worked with a diverse technology stack including HP-UX / Linux Scripting, Java, SeaQuest, Oracle, and ASP.NET.

Education

Master of Business Administration, Anglia Ruskin University, UK

2016 – 2017

Bachelor's Degree in Computer Science, International Islamic University Malaysia, Gombak

2012 – 2015

- Graduated with high honors (GPA 3.88/4)

Certificates

React Native, Deutsche Post DHL Group

2022

Full Stack Web Security, Web Security Academy

2021

Advanced JavaScript HTML5 using AngularJS, TEKsystems

2015