MUHAMMAD FITRIE BIN ROSLAN

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PROFILE SUMMARY

An accomplished and versatile professional, I bring a robust skill set in JavaScript, Node.js, TypeScript, and design patterns to the table. Transitioning seamlessly from an internship to a proficient full-stack developer, my expertise extends to front-end technologies, with a specialization in Vue.js and Bootstrap Vue. Additionally, I have a solid grasp of cloud technologies, specifically Amazon Web Services (AWS), and possess hands-on experience in unit testing frameworks like Jest. My commitment to ongoing learning keeps me informed about evolving industry trends, empowering me to contribute effectively to dynamic and innovative projects. This dedication ensures the delivery of high-quality solutions aligned with contemporary best practices.

EDUCATION

Bachelor of Information Technology, Universiti Teknologi MARA (UITM)
Sep 2019 — Jan 2023
CGPA: 3.32   [Dean's List for Semester 5 & 6]

Sijil Tinggi Pelajaran Malaysia (STPM), SMKA Tun Rahah
Jan 2017 — Dec 2018
CGPA: 3.25

WORKING EXPERIENCES

Junior Web Developer, ThunderQuote Sdn Bhd
February 2023 — Present
- Understand and analyze business logic and client requirements to develop effective solutions.
- Collaborate with clients to gather and document project specifications, ensuring a clear understanding of their needs and objectives.
- Utilize AWS cloud services for web application deployment, scaling, monitoring, and maintenance.
- Implement logging mechanisms on AWS to track application performance, errors, and user activity.
- Develop web application front-end using Vue.js, Pug (formerly Jade), and JavaScript, ensuring responsive and user-friendly interfaces.
- Design and implement the back-end of web applications using OData for efficient data management and integration.
- Utilize Microsoft Graph API to integrate with Microsoft services and retrieve relevant data.
- Develop server-side logic and APIs using Node.js, ensuring seamless communication between the front-end and back-end components.
- Stay updated with emerging technologies and industry best practices related to web development, AWS, Vue.js, and Node.js.
- Troubleshoot and debug application issues, identifying and implementing appropriate solutions.
- Optimize web application performance by implementing efficient algorithms and best coding practices.
- Create UI designs and mockups for web applications using Figma and Iconify.
- Successfully integrated Microsoft Graph API to enable seamless scheduling of Microsoft Teams meetings within the client's system and utilized SheetJS library to export JSON data to Excel with styling.

Freelance Back End Developer
January 2023 — January 2023
- Develop REST API to integrate with Laravel server.
- Use third-party API and integrate with NestJS Server.
- Implement Database CRUD Operation based on the business rules.
- The system will be used by many businesses to broadcast messages to their customer

Web Developer Intern, ThunderQuote Sdn Bhd
September 2022 — January 2023
- Working with back-end technologies such as PHP7+, Node.JS, MySQL, Python.
- Working with front-end technologies such as HTML, CSS, JavaScript, Vue.js, Bootstrap-Vue, SCSS, and Pug.
- Assisting in core product development.

Freelance Programmer
Jun 2022 — Aug 2022
- Creating Node.js Telegram bot to automate the company day to day activity.
- Understanding business problem and breaking down into smaller problem.
- Using technologies such as Node.js, MySQL, Microsoft SQL Server, Shell, Git, and NPM.
- It has been used by the company's human resources to track 300 employees' attendance.

Assistant, Datacryptic Technologies Sdn Bhd
Sept 2020 — Oct 2020
- Ensuring the firmware and software of router has been updated.
- Testing modem whether it is functioning or not.

Cashier at Jaya Grocer (Trendcell Sdn. Bhd)
December 2017 – Aug 2018
- Assisted and trained cashiers in sales techniques, providing excellent customer service, problem-solving and daily cash balancing operation.
- Prepared cashier, operations, and revenue reports.
- Assisted with daily store opening and closing procedures.
- Greet customers when entering or leaving establishments and pleasantly deal with customers to ensure satisfaction.

UNDERGRADUATE PROJECT
360° Virtual Tour of Shah Alam Botanical Garden (V-U-Botanic)
Sept 2021 — Aug 2022
- Conducting research about how to make Virtual Reality technology can be adopted at Shah Alam Botanical Garden.
- Using the SCAMPER technique to ensure the mobile application attractiveness.
- Find and analyse the literature reviews pertaining to immersive technology, software architecture, MADLC methodology and trends for mobile applications.
- Developing mobile applications and Virtual Reality using Unity3D, Kotlin, XML, Firebase, Git, and GitHub.
- Prepared the report, Lo-Fi and Hi-Fi prototype, and instructions on how to use the mobile application that had been created.

CO-CURRICULAR EXPERIENCE
Money Management Awareness Program (SULAM)
May 2021
- Responsible for giving awareness to the high school students regarding how to manage their money.
- Planning and allocating the program's budget to ensure the program's smoothness.

CERTIFICATES
The Complete JavaScript Course 2022: From Zero to Expert! (Udemy)
- Issued Mar 2022 · No Expiration Date
- Credential ID UC-26d84434-1318-4280-b738-85270849021a

Node.js, Express, MongoDB & More: The Complete Bootcamp 2022 (Udemy)
- Issued Sep 2021 · No Expiration Date
- Credential ID UC-e760058d-8642-49b4-b7da-224f18e72e85

SKILLS & LANGUAGE
Programming Language
Node.js, Nest.js, Vue.js, HTML, CSS, JavaScript, ReactJS, React Native, Redux, Pug, Kotlin, Java, SQL, Bash, Git, NPM, PowerShell, Go

Database
Microsoft SQL Server, MySQL, Firebase, MongoDB, OData, Microsoft Graph API

Software
Ubuntu, Tableau, Android Studio, Postman API, Adobe XD, Adobe Premiere Pro, GitHub, Heroku, VS Code, IntelliJ IDEA

Language
Bahasa Melayu and English.

REFERENCES

Fakhzan Azwan Che Arshad
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