FAKHRUL HAZIQ
Software Engineer

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SUMMARY

Junior Software Engineer with over a year of experience in backend development using Node.js, NestJS, and PostgreSQL. Skilled in building scalable APIs (GraphQL & RESTful), database management, and serverless deployment on AWS. Contributed to fintech and insurance industry projects, focusing on security, performance, and maintainability.

PROFESSIONAL EXPERIENCE

Regov Technologies Sdn Bhd   **Petaling Jaya, Selangor**
Junior Software Engineer   **Feb 2024 - Present**
- Developed and maintained backend services using NestJS (GraphQL & RESTful APIs) for financial applications.
- Contributed to the development of an investment banking platform to facilitate agent onboarding and fund management for investors.
- Built an e-learning platform for an insurance company, integrating role-based course access and tracking user progress.
- Managed PostgreSQL databases with TypeORM, optimizing queries and ensuring data integrity.
- Created comprehensive unit test cases for all developed functions, ensuring code quality and functionality.

Backend Engineer Intern   **Aug 2023 – Jan 2024**
- Identifying and resolving bugs in the AWS-hosted back-end of system project.
- Collaborating with the development team using Node.js for seamless integration.
- Actively participating in the development of new features using Node.js.

Access Techno Solution   **Shah Alam, Malaysia**
IT Support / IT Technician Intern   **Jul 2019 – Jan 2020**
- Providing technical support to all employees, and to clients, end users and relevant stakeholders.
- Assisting with a wide range of issues, including connection problems, data access, network failures, poor computer performance and cloud migration.
- Upgrades, Repairs, Maintenance, Data Transfer. Commissioning and installing upgrades, repairs, maintenance program and data transfer

EDUCATION

UNIVERSITY MALAYSIA TERENGGANU   **Kuala Terengganu, Terengganu**
Bachelor of Computer Science (Software Engineering) with Honors   **2020-2023**

POLITEKNIK METRO TASEK GELUGOR   **Tasek Gelugor, Pulau Pinang**
Diploma in Information Technology (Information Security)   **2017-2019**

SKILLS

- **Programming:** Node.js (NestJS, Express.js), GraphQL, RESTful APIs
- **Databases**: PostgreSQL, MySQL, TypeORM
- **Cloud & Serverless:** AWS Lambda, AppSync, S3, Cognito
- **Security**: Authentication, Data Encryption
- **Development Tools:** Git, CI/CD (SonarQube, GitHub Actions)

PERSONAL PROJECTS

Loan Tracking System   **2024**
- Developed a backend system using NestJS framework with GraphQL API and MySQL database managed via TypeORM.
- Implemented features for user registration, loan tracking, and automated installment calculations based on loan terms.
- Integrated online payments, receipt uploads with admin approval, and generated detailed loan analytics for users.
- Designed a secure and scalable architecture to manage user logins, loan records, and receipt generation efficiently.

OPEN-SOURCE CONTRIBUTIONS

Codebuddy – AI-Powered Coding Assistant
- Enhance UI with chat-like interface and code highlighting, improving usability for developers using the AI assistant.
- Contributed to a machine-learning-based AI tool that assists developers in generating and optimizing code.