MUHAMMAD AMIR BIN ABDUL RAZAK
Backend Software Developer

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HIGHLIGHTED SKILLS

- **Languages/Frameworks:** Rust, Python, Javascript, Typescript, Django, NodeJS, NextJS,
- **Technologies:** Docker, GraphQL, RESTful API, PostgreSQL, Linux, Jira, Github
  AWS Lambda, AWS DynamoDB

PROFESSIONAL EXPERIENCE

INFIN8CO SDN BHD • Junior Software Developer • Chat Enterprise Platform　　　　**Kuala Lumpur, MY**

Docker • Python • Django • GraphQL API • PostgreSQL • Linux　　　　**Sep '23 - Present**

- Perform PR reviews and help design core functionality for AI Serverless features.
- Consulted endpoint owners while pushing for a refactor on core utils to improve codebase clarity without crossing over other existing work.
- Accelerated a high-traffic GraphQL endpoint by 40× through database indexing and efficient queries.
- Reduced test data generation complexity from $O(n)$ to $O(\log n)$, speeding up development cycles.
- Utilized Instructor and Vertex to add LLM features for Voice Transcription support.
- Integrated feature flags in a multi-tenant system to manage permissions and rate limiting.
- Implemented data migrations with reverse migration capabilities for backward compatibility.

INFIN8CO SDN BHD • Software Developer Intern • Chat Enterprise Platform　　　　**Kuala Lumpur, MY**

Docker • Python • Django • GraphQL API • PostgreSQL • Linux　　　　**Feb '23 - Aug '23**

- Updated 25+ GraphQL endpoints to support new features alongside frontend teams.
- Used DataLoaders to eliminate N+1 query issues, a known security issue in GraphQL, increasing speed by 500%.
- Enhanced CSV endpoints with features that improved the developer experience.

PERSONAL PROJECTS

LOX INTERPRETER @ https://github.com/AmirAbdRazak/lox-interpreter-2

Rust

- Implement a lexer and a top down parser to generate an Abstract Syntax Tree.
- Support function calling, scoping and local environments within the interpreter runtime.
- Implement FFI (Foreign Function Invocation) for system clock

EDUCATION

MANAGEMENT AND SCIENCE UNIVERSITY　　　　**Selangor, MY**

Bachelor of Computer Science, CGPA: 3.65, 3x Dean's List Receiver　　　　**Sep '20 - Nov '23**