# **Bilal Khan**

# **Software Engineer**

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# **SKILLS**

**Backend Languages** | Rust

**APIs** | RESTful ● Postman

**Database & Cache** | MySQL ● PostgreSQL ● SQLite ● Redis.

**Miscellaneous** | AWS • Docker • Git • GitHub • Linux.

#### WORK EXPERIENCE

# **Software Engineer Intern -** *GoMarkho* (Remote) | Full-time

June 2024 - July 2024

- Authored and managed the backend by dealing with RestAPI, Fiber framework, MongoDB database, and implementing the clean architecture of the application.
- **Tech Stack:** Go, MongoDB, Redis, Fiber.

# **PROJECTS**

# **Move** | *Repository* | *Crate*

Jan 2025 - Mar 2025

- This budget-planning application allows users to track and analyze their spending and financial goals effectively using the terminal.
- With over 106 commits, this app got 3 stars and 2,379 downloads on <u>crates.io</u>.
- Tech Stack: Rust, Clap, SQLite, CSV, Tokio, Tabled

# Fara | Repository | Crate

May 2024 - Present

- Find And Replace App a fast and flexible CLI tool that searches and replaces text across files and folders.
- With over 33 commits, this app got 68 stars and 70 downloads on crates.io.
- **Tech Stack:** Rust, Clap, Regex, Dirs

#### **OPEN SOURCE CONTRIBUTIONS**

# **Rust Foundation** | *Organization* | *Contributions List*

Dec 2024 - Present

- Started contributing to Cargo, improved the docs, and worked on the auto-complete functionality.
- **Tech Stack**: Rust, Cargo.

# **Linux for Pirates** | *Repository*

Feb 2023 - May 2023

- Actively contributed to multiple topics like Linux, DevOps, Cloud, Networking, etc. It got 99 stars and 16 forks.
- **Tech Stack**: Ruby on Rails, Git, Linux, SQL, NoSQL, Networking, AWS.

#### **TECH CONTENT**

#### **YouTube Content -** *Code Roamer | Part-time (Remote)*

June 2020 – Present

- Created Rust, Golang, DevOps, and Cloud content with 400+ videos, 3600 subscribers, and 98k+ views.
- Created tutorials and project videos of Rust, blockchain, e-commerce, and a budget planning application, etc.

#### **COMMUNITY INVOLVEMENT**

# **AWS Community Builders Program** | *Part-time (Remote)*

Mar 2023 - Present

• Established an online presence within the cloud community by consistently sharing technical insights and emerging trends, fostering credibility and expertise in the field.

# **DoK Community Explorers Program** | *Certificate* / *Part-time* (*Remote*)

Jan 2023 - Apr 2023

- Participated in DoKC discussions & meetings to share knowledge on running data workloads on Kubernetes.
- It helped me with content across multiple platforms to drive engagement for Data on Kubernetes.

#### **EDUCATION**

- High school program in Computer Science | <u>Punjab Group of Colleges</u> (On-site)
- Apr 2014 Sept 2017

Rust Fundamentals Course | Duke University (Remote) | *Certificate* 

Dec 2024 - Dec 2024