

# Bilal Khan

## Software Engineer

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### SKILLS

**Backend Languages** | Rust • Go  
**APIs** | RESTful • Postman  
**Database & Cache** | MySQL • MongoDB • PostgreSQL • Redis.  
**Miscellaneous** | AWS • Docker • Git • GitHub • Linux.

### WORK EXPERIENCE

**Software Engineer Intern** - [GoMarkho](#) (Remote) | Full-time June 2024 – July 2024

- My responsibility was to work on 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

**Flow** | [Repository](#) Feb 2024 – June 2024

- Created a budget planning CLI to allow users to track, and analyze their spending and financial goals effectively.
- Tech Stack:** Golang, Cobra framework.

**Finance** | [Repository](#) Jan 2025 – Jan 2025

- A finance CLI application that helps users add transactions, filter data by category, and view all transactions.
- Tech Stack:** Rust, Clap, PostgreSQL.

### OPEN SOURCE CONTRIBUTIONS

**Rust Foundation** | [Organization](#) / [Contributions List](#) Dec 2024 – Present

- Started contributing to Cargo where I 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

**Technical Writer** - [Hashnode](#) | Part-time (Remote) Aug 2022 – Present

- Wrote content on Golang, Databases, and DevOps, got 150+ followers, and attracted over 10,000 views.
- Blogs included are web apps in Go, JWT authentication, building Serverless, and managing apps in S3 & EC2.

**YouTube Content** - [Code Roamer](#) | Part-time (Remote) June 2020 – Present

- Created Rust, Golang, DevOps, and Cloud content with 380+ videos, 3000 subscribers, and 74k+ views.
- Created videos in the form of projects like eCommerce, budget planning applications, rust, and blockchain.

### 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** | Part-time (Remote) | [Certificate](#) 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 | [Punjab Group of Colleges](#) (On-site) Apr 2014 – Sept 2017

Rust Fundamentals Course | Duke University (Remote) | [Certificate](#) Dec 2024 - Dec 2024