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](#)*   Dec 2024 – Present
● Started contributing to Cargo, some PRs are assigned to me and some of them are approved and merged.
● **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