Bilal Khan
Software Engineer

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SKILLS

Backend Languages | Rust ● Go
APIs | RESTful ● gRPC ● 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
- GoMarkho provides solutions that focus on the Voice Over Internet Protocol (VoIP).
- **Tech Stack:** Go, MongoDB, Redis, AWS.

PROJECTS

Flow | *[Repository](#) (Remote)*   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, RESTful API.

File Manager | *[Repository](#) (Remote)*   Dec 2024 – Dec 2024
- A simple and efficient command-line application written in Rust for managing files.

OPEN SOURCE CONTRIBUTIONS

Rust Foundation | *[Organization](#)*   Dec 2024 – Present
- Nativelink is a build cache and remote execution system that accelerates software compilation and testing.
- **Tech Stack**: Rust, Cargo.

Linux for Pirates | *[Repository](#)* | *[My Contributions](#)*   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 Golang, Rust, DevOps, and Cloud content with 350+ videos, 3000 subscribers, and 74k+ views.

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