# Ahmed Shadaab

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## EDUCATION

**National Institute of Technology Srinagar** — India
*Bachelor of Technology in Computer Science and Engineering* — *Aug 2019 – Jul 2023*

## EXPERIENCE

**Software Engineer** — Sep 2023 – Present
*MAQ Software* — *Hyderabad, India*

- Analyzed and optimized several **SQL** queries and **ETL** pipelines, improving performance significantly.
- Developed **Power Automate flows** for repetitive tasks, saving over 50 man-hours daily.
- Revitalized multiple internal tools through codebase refactoring, enhancing maintainability and functionality.

**Software Engineer Intern** — Jan 2023 – Aug 2023
*Dotpe* — *Remote*

- Developed multiple APIs in core platform service for handling campaigns, orders and other core services that required working with **Kafka**, **Redis**, and related technologies.
- Improved customer support by implementing a chat feature for merchants using **Golang**, leading to drastic reduction in query resolution time.
- Implemented link tracking for buttons in WhatsApp messages using Meta APIs.
- Implemented new chatbot microservice isolated from core platform, enhancing platform reliability.
- Resolved several production-level issues, demonstrating problem-solving skills and contributing to the overall improvement in system reliability.

**Software Developer Intern** — Jul 2022 – Aug 2022
*Blockchain Commons* — *Remote*

- Authored a master **Bash** script for **TailsOS** that implemented extensive preset settings of the **Linux** system and theming.
- Added a provision to parse self hosted scripts.

## PROJECTS

**Fserver** | *Golang* — cdn.ahsmha.de

- A minimal, **zero-dependency** file server, designed for self-hosting small files online.

**Redurl** | *Javascript* — github

- Simple firefox extension that leverages Javascript browser APIs to redirect URLs based on custom user defined rules.

**Notes** | *Golang, Mysql* — github

- A notes API server implementation with authentication using **JWTs**.

**Smash** | *C* — github

- An **extensible** and most basic C-based shell, features built-in commands (cd, help, exit).

**Challenges** | *Golang* — github

- My attempt at solving popular coding challenges by John Crickett in Golang.

## TECHNICAL SKILLS

**Languages**: C/C++, Golang, SQL, JavaScript, Java, HTML/CSS
**Frameworks**: React, Svelte, Express, Node.js
**Tools**: Git, Docker, Azure Cloud, Azure DevOps, Kafka, Redis, MySQL, MongoDB
**Areas of Interest**: Free Software, Distributed Systems, Linux