

# Ahmed Shadaab

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## EDUCATION

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### National Institute of Technology Srinagar

India

*Bachelor of Technology in Computer Science and Engineering*

*Aug 2019 – Jul 2023*

## EXPERIENCE

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### 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 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 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

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### Fserver | *Golang*

[cdn.ahsmha.de](https://cdn.ahsmha.de)

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

### Notes | *Golang, Mysql*

[github.com/ahsmha/notes-be](https://github.com/ahsmha/notes-be)

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

### Smash | *C*

[github.com/ahsmha/smash](https://github.com/ahsmha/smash)

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

### Challenges | *Golang*

[github.com/ahsmha/cc](https://github.com/ahsmha/cc)

- My attempt at solving popular [coding challenges](#) by John Crickett in Golang.

## TECHNICAL SKILLS

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**Languages:** C/C++, Golang, SQL, JavaScript, Java, HTML/CSS

**Frameworks:** React, Svelte, Node.js

**Developer Tools:** Git, Docker, Azure Cloud, Azure DevOps, Kafka, Redis

**Areas of Interest:** Free Software, Distributed Systems, Linux