

# J Shashank Babu

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## WORK

### Software Engineer, Sep 2022 – Present

#### CoffeeBeans - Bangalore, India

- Developed a blockchain platform for NPCI using bi-directional gRPC.
- Worked on creating a consistent and salable storage system using RAFT.
- Created REST API using gin framework.
- Converted synchronous code to async using channels and goroutines which increased performance.
- Responsible for code refactoring of a component to make it more maintainable.
- Worked on unit test cases

Golang gRPC BadgerDB Postgres

### Asst. Systems Engineer, Sep 2020 – Sep 2022

#### Tata Consultancy Services - Bangalore, India

- Fulfilled IBM client on IBM Cloud Platform.
- Developed internal tools used to validate the changes implemented.
- Participated in daily scrum stand ups and sprint planning.
- Automated test cases using python and shell scripting. Performed manual, automated and regression testing in different environments.

Kubernetes Golang Python Docker linux  
Jenkins Git IBM Cloud

### Data Analytics & Visualization intern - July 2019

#### Takenmind

Researched on data analytics and visualization using Python as part of Global Internship Program. Enhanced code readability and performance by redesigning and implementing it in modules.

Python NumPy

### Android Developer intern - July 2017

#### Singularis Software Technologies - Kerala, India

Learned to design and implement android app using Android Studio

Java Andriod



## SKILLS

Golang, Python, Java, Bash, Rust

I love understanding open source projects in my spare time

Very good understanding of consensus algorithms and distributed systems.



## EDUCATION

### Computer Science and Engineering (Honours) - 8.31/10 - 2020

Bachelor, Rajiv Gandhi Institute Of Technology - Kerala, India



## AWARDS & CERTIFICATIONS

- IBM Certified Cloud Advocate v2
- Programming with Google Go: by University of California, Irvine on Coursera
- VSkill Certified: Go Language Professional
- Microsoft Certified: Azure Data Fundamentals
- Awarded with Learning Achievement Award and Special Initiative Award by TCS
- My project was awarded a top 20 position at the the 2022 ISL Cloud Hackathon by IBM.
- Best Project Award: Game Development ISQUIP-2017
- Volunteer handled database of 15000+ students Create a sorted database of student's modes of transport form different programs offered in our college



## OTHER PROJECTS

- **Redis Health Monitoring:** Designed and implemented bot to monitor health of listed redis endpoints and report in slack. - **Golang, Kubernetes, Redis**
- **Cloud Slack Bot:** Wrote code in golang to interface with the slack api and managed the deployment of the bot on high available Kubernetes Cluster - **Golang, Kubernetes, Redis**
- **Active112:** Developed a full-stack cross platform application using Flutter. Implemented Firebase OAuth to get data from user accounts. Used Firebase to store and present user data - **Docker, Flutter, Firebase, Git**
- **Snake Game:** Developed a simple 2D snake game for Android using flutter - **Flutter, Google AdMob**