



# Sharukh Rahman

Full Stack Developer

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https://sharukhrahman.vercel.app/

Languages: English (Fluent), Tamil (Native)

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sharukhrahman97

Sharukh\_Rahman

## Summary

A full-stack developer with **3 years** of experience, I'm a quick learner and problem solver, with a future in game development. My expertise includes designing and deploying solutions for mobile and web servers using **Flutter, ReactJS, Node.js, React Native, ElectronJS** and **Python** with both **SQL** and **NoSQL** databases. I'm also familiar with **Docker, Kubernetes, microservice architecture, Java Spring Boot, MVC patterns, PySpark, Redis** and **ScyllaDB**. I have a proven track record of successful project deliveries and a commitment to stay updated with industry trends.

## Skills

**NodeJS (ExpressJS), Python (FastAPI), Flutter, ReactJS, ElectronJS, React Native, SQL(using ORM), NoSQL (using ODM), Docker, Git.**

## Experience

### Zedbyte Software Solutions

https://zedbyte.in

01/05/2021 – 31/12/2023

Chennai, India

- Developed a high-performance room/home searching app with **Python, AWS S3, MongoDB** and a **Flutter/Dart** mobile app and can handle **10k requests/min** and searches over **100,000 houses** in less than **100ms**. The app is hosted on **EC2** and available on the **Google Play Store**.
- Engineered a comment system using **Node.js** and **MongoDB**, featuring a capability to delete entire comment/blog structures through **Apache Airflow** jobs.
- Implemented a live location tracking and monitoring tool using **Redis** and **Python**, capable of handling nearly **10k messages/second** for **10K simultaneous connections**.
- Designed and deployed a robust Airflow job, integrating with **PySpark** for efficient and automated extraction, transformation, and loading (ETL) of daily trip data stored in MongoDB.
- Collaborated on the development of a social media app with versatile post/comment structures and follow logic.
- Developed **React.js** portfolio websites with advanced libraries like **Theatre.js, React Three Fiber, Spline** and **Framer Motion**.
  - https://flashstorage.in/
  - https://switchboard-portfolio.web.app/
  - https://theatre-263ad.firebaseio.com/
- Led sprint reviews, code reviews, and mentored junior developers to maintain high-quality code standards, fostering a culture of excellence and continuous improvement.

## Education

### B.S Abdur Rahman Crescent Institute of Science & Technology

https://crescent.education/

01/06/2019 – 23/03/2021

Chennai, India

### M.Tech - Computer Science and Engineering

Thesis: Study Of Decentralized Networks

https://www.ijstr.org/final-print/jan2020/Study-Of-Decentralized-Networks.pdf

### St. Peter's College of Engineering and Technology

https://www.spcet.ac.in/

01/08/2015 – 30/05/2019

Chennai, India

### B.E - Computer Science and Engineering

Simulation on DCAS (Drone Collision Avoidance System) using SLAM.

## Personal Projects

### DashDrop

01/03/2022 – Present

 <https://dashdrop.app/>

DashDrop is your go-to high-speed data sharing solution, offering unparalleled security and blazing-fast transfer speeds.

- Built server routines for **CRON jobs** and **transactions** to manage expiration and clean-up of transfers in AWS S3 and MongoDB, reducing service costs.
- Crafted a Desktop app with **Electron.js**, integrating multiple APIs and **IPC calls** within **Redux state** management.
- Developed a Parallel Disk Cloner for simultaneous copying of footage across multiple drives.
- Automated code signing and notarizing tasks for non-Xcode macOS apps.
- Deployed apps to Microsoft Partner Center, App Store platforms.

## Publications/Blogs

### Apple macOS Developer Guide - from Purchase to Production

January 10, 2024

 <https://dashdrop.app/blog/apple-macos-developer-guide-from-purchase-to-production/>

## Certifications

### EMC Academic Associate, Data Science and Big Data Analytics

MAR 08, 2019


EMC by IBM

 <https://drive.google.com/file/d/1YsnLk5yMitpireuKzis3etGuGil9WmaX/view>

### Intermediate Python

JUL 25, 2019


DataCamp

 <https://www.datacamp.com/completed/statement-of-accomplishment/course/314cc664715e108c027b378829ac5a12305518d8>

### Statistical Thinking in Python

AUG 28, 2019


DataCamp

 <https://www.datacamp.com/completed/statement-of-accomplishment/course/97e7d4a0d4fb4afcc210ccab3808f4621c0ec20a>

### Machine Learning with Tree-Based Models in Python

SEP 11, 2019

DataCamp

 <https://www.datacamp.com/completed/statement-of-accomplishment/course/a237d04ecb3fe166a39a90c0dc7006a23f35dada>

I, S.Sharukh Rahman, affirm that the information provided in this resume is accurate to the best of my knowledge. I take pride in my experiences, skills, and achievements, and I am committed to contributing my best to any role I undertake.

Chennai, India.

16/07/2024

