SATISH KUMAR

Sr. Software Engineer [Backend]

CONTACT

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TECH SKILLS

- Javascript, Typescript, Node.js C++, Java, Python, GraphQL
- PostgreSQL, MongoDB, Redis Elasticsearch, Aiven Kafka
- GCP (pub/sub, cloud fun.), Azure Grafana, Kibana, Jenkins
- DS & Algorithms, Design Patterns System Design (LLD/HLD)

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EDUCATION

Indian Institute of Technology Roorkee
B.Tech. in Electrical Eng.   71.70%
2015-19

JNV Banglore (Urban)
Intermediate (CBSE)   93.20%
2013-15

JNV Barun, Aurangabad
Matriculation (CBSE)   95.00%
2012-13

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ACHIEVEMENTS

- Outstanding contributor of Apollo247 migration to Google Cloud.   2023
- Dakshana Annual Scholarship Exam coordinator.   2016-20
- Cleared JEE Advance   2015

WORK EXPERIENCE

Sr. Software Engineer   Gurugram
APOLLO 24|7 [Apollo Healthco Limited]   Oct 2020 - Present

Consult and Doctor service

- Designed and developed doctor-service that manages availability & pricing of ≈ **15k** doctors for daily consultation.
- Enhanced scalability of consult-service to manage ≈ **20k** online and offline appointment bookings per day.
- Integrated **Elasticsearch** to improve and accelerate doctor search results on the Apollo 247 app and web.
- Successfully migrated consults and doctors services cloud dependencies from Microsoft **Azure** to **Google Cloud**.

Payment service

- Designed and developed in-house payment solution from scratch, handling 100% traffic of Apollo247. Integrated **Juspay** for all the payment methods [Card, UPI, Wallet, Net Banking].

Virtual Consultaion as Service

- Developed scalable **Kafka Consumers** for consult booking and Apollo-approved prescriptions for medicine delivery.
- Developed backend services [gateway, consults, doctors] for admin portal; overseeing ≈**15k** doctors and ≈**10k** hospitals.

Software Engineer   Bengaluru
MFINE [Novocura Tech Health Pvt Ltd]   Jun 2019 - Sept 2020

- Developed **Support section** and **Rating System** for mFine App and Web.
- Integrated mFine application on **PhonePe** to increase daily consultations traffic by 8-10%.
- Implemented **Dynamic module** for Video call to reduce app size on play store by 10 MB (15% approx).

Software Developer Intern   Noida
JS Tigers   May 2018 - June 2018

- Worked on development and deployment of **Cupcake CRM** web-application using Node.js, Angular 5.0 and MongoDB.

PROJECTS

- Developed an **Electronic Voting Machine (EVM)** and a **Home Automation System** using micro-controller and Android app.
- Developed **Automated Attendance System** that uses face recognition for attendance; using OpenCV, Python & MySQL.