SATISH KUMAR

Sr. Software Engineer [Backend]

CONTACT

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in satish864

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SKILLS

- Node.js, Express.js, Typescript, Javascript, LoopBack, 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.

- Engineered and led team to optimize consult service APIs to manage ≈ **20k** online and offline appointment bookings daily.

- Integrated **Elasticsearch** to improve and accelerate doctor search results on the Apollo 247 app and web.

- Successfully migrated consults and doctors Microservices 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

- Engineered scalable **Kafka Consumers** for consult booking and Apollo approved prescriptions for medicine delivery.

- Developed microservices [api gateway, consults, doctors] for admin portal; overseeing ≈**15k** doctors & ≈**10k** hospitals.

Software Engineer   Bengaluru

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

- Created **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

- Built an **Electronic Voting Machine (EVM)** and a **Home Automation System** using microcontroller and Android app.

- Created **Automated Attendance System** that uses face recognition for attendance; using OpenCV, Python & MySQL.