

# SATISH KUMAR

Senior Backend Engineer with around 6 years of experience building scalable software solutions using Node.js and Java. Proficient in system design and managing high-throughput infrastructure.

## CONTACT

- 📞 +91 7248485905
- ✉️ 864.satishkumar@gmail.com
- LinkedIn satish864
- Github 864-satish

## SKILLS

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

## EDUCATION

<b>Indian Institute of Technology Roorkee</b> B.Tech. In Electrical Eng. June 2015 - May 2019	71.70%
<b>JNV Bangalore (Urban)</b> Intermediate (CBSE) Apr 2013 - Mar 2015	93.20%
<b>JNV Barun, Aurangabad</b> Matriculation (CBSE) Apr 2012 - Mar 13	95.00%

## ACHIEVEMENTS

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

## WORK EXPERIENCE

<b>Software Engineer III</b> HighLevel India Pvt. Ltd.	Delhi Sept 2024 - Present
<b>Phone system</b> <ul style="list-style-type: none"><li>Scaling phone system infrastructure handling <b>1M+</b> outbound and <b>0.5M+</b> inbound API calls/day; leading the team to improve reliability for high-volume calls, SMS, and IVR.</li><li>Developed <b>Number Intelligence System</b> using Twilio Lookup for spam detection and caller ID; integrated with SMS and voice calls, generating revenue through premium usage.</li><li>Built <b>Power Dialer</b> with iPhone-like UX, integrating backend APIs and intuitive UI for recents, contacts, and redirection; enhancing user efficiency and increasing usage by 20%.</li></ul>	
<b>Sr. Software Engineer</b> Apollo 24 7 [Apollo Healthco Limited]	Gurugram Oct 2020 - Sept 2024
<b>Consult and Doctor service</b> <ul style="list-style-type: none"><li>Designed and developed doctor-service that manages availability &amp; pricing of ≈ <b>15k</b> doctors for daily consultation.</li><li>Engineered and led the team to optimize consult service to manage ≈ <b>20k</b> online and offline appointment bookings daily.</li><li>Integrated <b>Elasticsearch</b> to improve global doctor search experience, migrated consults and doctors Microservices cloud dependencies from Microsoft <b>Azure</b> to <b>Google Cloud</b>.</li></ul>	
<b>Payment service</b> <ul style="list-style-type: none"><li>Designed and developed payment solution from scratch, handling 100% traffic of Apollo247 powered by <b>Juspay</b>.</li></ul>	
<b>Virtual Consultation as Service</b> <ul style="list-style-type: none"><li>Engineered scalable <b>Kafka Consumers</b> for consult booking and Apollo approved prescriptions for medicine delivery.</li><li>Developed microservices [api gateway, consults, doctors] for admin portal; managing ≈ <b>15k</b> doctors and ≈ <b>8k</b> hospitals.</li></ul>	
<b>Software Engineer</b> MFine [Novocura Tech Health Pvt Ltd]	Bengaluru Jun 2019 - Sept 2020
<ul style="list-style-type: none"><li>Developed <b>Support Section, Rating System</b> for App and Web, and also added <b>Dynamic Video-call module</b> to reduce app size on play store by 20 MB (≈15%).</li><li>Integrated Mfine application on <b>PhonePe</b> to increase daily consultations traffic by 8-10%.</li></ul>	
<b>Software Developer Intern</b> JS Tigers	Noida May 2018 - June 2018
<ul style="list-style-type: none"><li>Worked on development and deployment of <b>Cupcake CRM</b> web application using Node.js, Angular 5.0 and MongoDB.</li></ul>	