

# AVINASH KUMAR SINGH

## Software Engineer, Full Stack Developer

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📄 <https://github.com/avinashsinghavin>

## EXPERIENCE

### Software Engineer 2

#### Infra.Market

📅 Jun 2022 – Present

📍 Bangalore

- **Efficient Credit Services:** Pioneered service-oriented credit handling solutions using Go and Redis, optimizing Account operations for efficiency and scalability.
- **Streamlined Deal Creation:** Orchestrated dynamic Deals through Quotation workflows, leveraging Kafka for event-driven communication and gRPC for seamless microservices interactions. Resulted in personalized offerings and improved service agility.
- **Real-time Deal Adjustments:** Enabled real-time adjustments to Deals by integrating Cronjobs, automating scheduled tasks for Deal optimization and adaptability.
- **Cross-Segment Customer Management:** Successfully managed a unified platform catering to various customer categories, fostering cohesive interactions between B2B, B2C, and influencer clientele.
- **Implemented Redis for caching and High-Performance Microservices:** Utilized gRPC for efficient microservices communication, contributing to the development of a high-performance, scalable architecture

### Software Developer

#### Extramarks

📅 Jun 2021 – Jun 2022

📍 Noida

- **Live-Class System:** Implemented a comprehensive chat storage mechanism to archive real-time discussions during live classes. This feature allowed students to revisit discussions, ensuring a continuous learning experience beyond the live session.
- **Question Management System (QMS):** Spearheaded the creation of the QMS, designing question sets and templates for student assessments. Implemented functionalities for students to take tests and managed the scoring system, ensuring a seamless testing experience.

### Software Engineer - Intern

#### Knowledge Lens

📅 Feb 2021 – May 2021

📍 Bangalore

- I actively contributed to impactful projects, showcasing my proficiency in a comprehensive tech stack. In addition to working on multiple client projects in the USA focused on water distribution and pressure management, I played a pivotal role in a significant project for the Andhra Pradesh state.

### Web Development - Intern

#### Tata Consultancy Services

📅 May 2020 - Jan 2021

- I actively contributed to a project aimed at enhancing the efficiency of testing processes. I played a key role in developing a system that enables testers to generate testing data in JSON format, accommodating different test cases.

## SKILLS

Go-Lang Spring-Boot Java Script  
Java Maven/Gradle C/C++ Git  
Python Angular Node-Js Redis  
MongoDB PostgreSQL SQL CSS  
Kafka Firebase HTML Docker

## CERTIFICATIONS

### Mean Stack Developer

#### MCAPL

📅 June 2020

📍 Gunupur

### Android App Development

#### Globsyn finishing school

📅 July 2019

📍 Kolkata

### Web Development Using PHP/MySQL

#### GIET

📅 May 2018

📍 Gunupur

## MINOR PROJECTS

- Online food Order system using PHP
- New Hunt App using Java
- Sorting-Visualizer using Javascript
- Vehicle Tracking System using PHP, IOT
- Virtual-assistant using Python
- 4 in a Line using NodeJs
- Easy Doctor access using Java
- Wikipedia streaming Api using NodeJs
- CookBook's API using NodeJs
- Blood Bank Management System PHP

## EDUCATION

### B.Tech in Computer Science

#### GIET University

📅 2017 – 2021

📍 Gunupur, Odisha

### Senior Secondary

#### Bihar Board

📅 2015 – 2017

📍 Sasaram, Bihar

### Secondary

#### CBSE Board

📅 2014

📍 Asansol, W.B.