

Rishi Kumar S

Portfolio | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

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EDUCATION

B.Tech Computer Science and Business Systems
Chennai Institute of Technology

CGPA : 8.98
2022 – 2026

Class 12
SKNS PMC Vivekananda Vidayalya Junior College

Percentage : 85.4
2019 – 2020

Class 10
SKNS PMC Vivekananda Vidayalya Junior College

Percentage : 93.6
2021 – 2022

EXPERIENCE

Backend Developer Intern
Doodleblue Innovations

Aug 2021 – Nov 2022
Chennai, Tamil Nadu

- Architected robust backend systems with **MVC framework**, improving code modularity and reducing bug resolution time by 30%.
- Implemented **microservices architecture and interservice calls**, scaling to 1000+ concurrent users with 85% uptime.
- Streamlined **MongoDB queries** and utilized **caching**, decreasing response times by 25%.
- Spearheaded efforts to improve backend security, implementing **JWT-based authentication** and input validation, protecting against **80% of security threats**.

PROJECTS

Real-time Chat Application

React.js, Node.js, MongoDB, Express.js

[Source Code](#)

- Built a chat app with **MERN stack**, supporting 100+ concurrent users and 10K+ messages daily.
- Integrated WebSocket using **Socket.io** for real-time messaging with latency under **200ms**.
- Managed user data and chat history within **MongoDB's 500 MB free storage**, optimizing data storage and retrieval.

Contract Summarizing Chatbot

Next.js, Python, FastAPI, Langchain

[Source Code](#)

- Developed a chatbot capable of summarizing **500+ pages of contracts** easily within **5 minutes**.
- Integrated LLM models to process and summarize contracts with an **accuracy rate of 80%** and generating summaries in under **5 seconds per document**.
- Utilized **Sentence Transformers** for enhanced **semantic understanding**, improving summary relevance and **context accuracy by 35%**.

TECHNICAL SKILLS

Languages : JavaScript, TypeScript, Python, C/C++, Java, HTML, CSS

Frameworks : React.js, React Native, Next.js, Express, Node.js, FastAPI

Libraries : Chakra UI, React Router, Socket.IO, Multer

Databases : MongoDB, Microsoft SQL, MySQL

Dev Tools : Visual Studio Code, Git, GitHub

CERTIFICATIONS

- [AWS Cloud Technical Essentials, Coursera](#)
- [Migrating to AWS Cloud, Coursera](#)
- [Generative AI with Large Language Models, Coursera](#)
- [Cloud Computing, NPTEL](#)

ACHIEVEMENTS

- Finalist, Smart India Hackathon 2024
- 3rd place in Contract Risk Assessment Hackathon, IITM
- Solved 350+ Leetcode problems
- 5 star coder in HackerRank (Python)