

Sumit

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EDUCATION

National Institute of Technology, Kurukshetra

Bachelor of Technology in Electrical Engineering

July 2020 - July 2024

8.5 CGPA

EXPERIENCE

Software Engineer

Feb 2025 - Present

Linkedin (Contract via RSL)

Pune, India

- **Designed and implemented backend billing and payment workflows** for **LinkedIn Campaign Manager**, supporting **agency-managed** and **client-billed** advertising campaigns.
- **Implemented inter-service communication** using **gRPC** and **REST APIs** to enable **low-latency** and **reliable communication** between campaign, billing, and payment services.
- **Integrated Kafka-based event streams** to process **asynchronous billing events**, improving **system reliability** and **service decoupling**.
- Developed reusable components like Typeahead and DatePicker within LinkedIn's internal Ember ecosystem.

Full Stack Developer

May 2024 - July 2024

IBITF, CSE Department, IIT Bhilai

Chhattisgarh, India

- Developed an **ML-driven anomaly detection pipeline** to forecast mill breakdowns in advance, enabling **predictive maintenance automation** that reduced unplanned downtime by nearly **85%**. Designed **automated shutdown and repair workflows** to proactively handle failures, significantly improving overall **mill uptime and operational reliability**.
- Built a **smart internal chatbot for Radcom** enabling telecom engineers to efficiently query internal documentation, achieving nearly **70% response accuracy** with **referenced text, images, and structured tabular data**. **Dockerized all services** to ensure **modular, portable, and reproducible environments**, simplifying deployment and maintenance.

PROJECTS

Online Bill Portal | *React.js, Node.js, Express.js, MongoDB, JWT, WebSockets*

[Link](#) 

- Developed a **full-featured online billing system** with **consumer management**, tariff plan configuration, billing workflows, and **automated bulk email notifications**, enabling users to manage bills, payments, and real-time bill status updates efficiently.
- Built **secure REST APIs** and integrated **WebSockets** for live updates and backend data synchronization.

Multiplayer Tic-Tac-Toe Game | *React.js, Node.js, WebSockets*

[Link](#) 

- Built a **real-time multiplayer game** with **live chat support** and synchronized gameplay, enabling multiple users to play concurrently with consistent server-side state management.
- Implemented **WebSocket-based matchmaking** and real-time communication for low-latency interactions.

ACHIEVEMENTS & CERTIFICATIONS

Knight on LeetCode: Ranked in the **top 2.22%** worldwide as a **Knight on Leetcode** with highest rating of 2027. Solved 1000+ Data Structures and Algorithms problems across LeetCode, GeeksForGeeks, Codeforces, and CodeChef.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, TypeScript, SQL

Frameworks & Libraries: Ember.js, React.js, Spring Boot, Express.js, Socket.io, FastAPI

Web Technologies: HTML, CSS, Node.js, Next.js

Databases: MySQL, MongoDB, PostgreSQL

Messaging & Caching: Apache Kafka, Redis

Tools & Platforms: Docker, Git, Grafana, Metaflow

Relevant Courses: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems

Coding Profiles

[Leetcode](#) 

[Codechef](#) 

[Codeforces](#) 

[GeeksForGeeks](#) 