

NIRMAL KUMAR V

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in [LinkedIn](#)

EXPERIENCE

RAPTEE HV | Software Engineer Intern

Chennai | June 2025 - August 2025

- Integrated optimized API endpoints for detecting nearest EV charging stations, reducing response time to <0.6 ms and improving overall system efficiency.
- Designed and developed a full-stack map application using Node.js, React.js, Tailwind CSS, and MapLibre GL. Integrated multiple routing/navigation providers for side-by-side route comparison in a single interface and deployed on Zoho Catalyst, enhancing decision-making for internal teams.
- Built the entire backend architecture for Deepview, a session-based authentication system, and engineered 25+ secure API endpoints to strengthen reliability, scalability, and access control.

EDUCATION

B.Tech in Computer Science and Engineering

Sept 2020 - June 2024

SRM Institute of Science and Technology, Chennai

CGPA: 8.99

Class XII in Computer Science

March 2020

Shri Krishnaswamy Matric Hr Sec School, Chennai

Percentage: 80%

Projects:

Find Your Perfect Stay | [Link](#) 🔗

- Developed a Full Stack AirBnB Clone using Next.js, React, TypeScript, and MongoDB, deployed on Vercel for scalable performance.
- Implemented OAuth2.0 authentication via NextAuth, supporting Google and GitHub Single Sign-On (SSO). Integrated Prisma ORM for robust data handling and Cloudinary CDN for image storage and optimized delivery.
- Tech Stacks: Next.js, React.js, TypeScript, MongoDB, Prisma, Tailwind CSS.

Full Stack Chat Web App | [Link](#) 🔗

- Designed and built a real-time Chat Web Application with authentication via JWT Tokens and bi-directional communication using WebSockets.
- Included features like online/offline status, file uploads, and attachments to enhance user interaction.
- Tech Stacks: MongoDB, Express.js, React.js, Vite.js, Node.js, Tailwind CSS.

SKILLS

Programming: C++, C, Python, Javascript, MySQL.

Frameworks: Node.js, Next.js, React.js, MongoDB.

Tools & Technologies: Git, Github, Google Cloud Platform(GCP), Microsoft Azure, AWS, Postman API, Salesforce and ServiceNow.

Subjects: Data Structures and Algorithms, Operating Systems, DBMS.

CERTIFICATIONS

- Building Real-Time Video AI Applications by NVIDIA.
- Oracle Cloud Data Management Foundations Associate by Oracle University.
- HPE Software Engineering Job Simulation by Forage.
- JPMC Software Engineering Virtual Experience by Forage & JP Morgan.
- Salesforce Developer Superset Badge by Salesforce.
- Postman API Fundamentals Student Expert by Postman.
- Google Cloud Big Data and Machine Learning Fundamentals by Coursera.

Profile Links

[GitHub](#)

[LinkTr.ee](#)

[Portfolio](#)

[LeetCode](#)

[Google Cloud Skills Boost](#)