

Krishna Kumar

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leetcode.com/KRISHNA018 | [Portfolio](#)

EDUCATION

Rajiv Gandhi Institute of Petroleum Technology

Bachelor of Technology in Information Technology; CPI: 7.19

Amethi, U.P

Dec. 2021 – May. 2025

Sachidanand Inter College

Intermediate; Percentage: 83.6%

Kushinagar, U.P

July. 2020 – July. 2021

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, Go, JavaScript (ES6+), TypeScript

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Material-UI

Backend: Node.js, Express.js, Java (J2EE, Spring Boot), Flask, Django

Databases: PostgreSQL, MySQL, MongoDB (Schema Design, Query Optimization)

Cloud & DevOps: AWS (EC2, S3), Docker, Git, GitHub Actions, CI/CD

Concepts: RESTful APIs, Responsive Design, Web Performance Optimization, Microservices, SaaS, WebSockets

EXPERIENCE

Full Stack Developer Intern

SGS Weather & Environmental Systems Pvt. Ltd

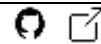
New Delhi, India

May. 2024 – Nov. 2024

- Built **React.js dashboards** to visualize real-time weather data, ensuring high performance and responsiveness across browsers.
- Collaborated with cross-functional teams to **integrate REST APIs** with seamless UI interactions.
- Implemented **component-based architecture** and optimized rendering performance using React hooks and memoization.
- Deployed containerized applications on **AWS EC2 using Docker**, achieving **99.9% uptime** for live monitoring systems.

PROJECTS

Customer Relationship Management (CRM) System | React.js, Node.js, PostgreSQL



Aug. 2025 – Aug. 2025

- Integrated **role-based authentication and data security measures** to ensure safe and restricted access.
- Developed an **analytics dashboard with real-time insights** on sales performance, conversion rates, and pipeline health, secured with role-based access.
- Implemented **activity tracking and reminders** for calls, emails, and meetings, maintaining complete customer interaction history.

Blog Likho | React.js, TypeScript, PostgreSQL, Prisma, Hono, GenAI



Feb. 2025 – Feb. 2025

- Developed a **React + TypeScript** frontend integrated with **AI-powered summarization** and **text insight generation** using **GenAI APIs**, enabling users to instantly extract key ideas from long articles.
- Designed a **PostgreSQL database schema** with Prisma ORM, optimizing query execution and improving data retrieval speed by **15%** through indexing and schema tuning.
- Implemented **secure REST APIs**, handled authentication, and maintained consistent data flow between client and server using robust TypeScript interfaces.

Startup-Board | React.js, Node.js, MongoDB, Tailwind CSS



May. 2024 – May. 2024

- Designed and implemented **secure, responsive, and user-friendly dashboards** for startup management.
- Implemented **role-based access control (RBAC)** for 100+ users to protect sensitive company data and ensure secure permission-based actions.
- Integrated **Node.js REST APIs** with MongoDB to provide efficient CRUD operations, data validation, and server-side pagination for large datasets.

CERTIFICATES

- Certified Full Stack Developer & DevOps:** 100xDevs By Harkirat Singh. 
- JavaScript & C++ Certification:** Coding Ninjas Data Structures & Algorithms in C++ (with JavaScript modules). 

ACHIEVEMENTS

- Qualified **IIT-JEE Advanced 2021**, ranking within the top 5% nationwide.