

Krishna Kumar

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EDUCATION

Energy Institute, Bangalore (A Center of RGIPT)

Bachelor of Technology in Information Technology; CPI: 7.08*

Bangalore, Karnataka

Dec. 2021 – May. 2025

Sachidanand Inter College

Intermediate: 83.6%

Kushinagar, UP

July. 2020 – July 2021

EXPERIENCE

Full Stack Developer Intern

SGS Weather & Environmental Systems Pvt. Ltd

May 2024 – Sep 2024

New Delhi, India

- Built responsive UIs with React.js, using **20+** reusable components. Optimized Node.js backend, handling **1,000+** API requests/min for dynamic content delivery.
- Designed and tested RESTful APIs, enabling 99.9% uptime and ensuring scalability while following agile methodologies for on-time project delivery.

PROJECTS

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



Feb 2025 – Feb 2025

- Built a full-stack blogging application using React, TypeScript, and Hono, handling **100+** blog entries with optimized query performance using PostgreSQL and Prisma.
- Implemented AI-driven summary generation using the **Google Gemini 2.0 Flash** model, reducing blog reading time by up to **60%** and generating **50** summaries/min while preserving key insights.
- Engineered a lightweight Hono server, boosting response times by **15%** and cutting server load by **20%**, while ensuring data integrity with Zod validation.

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



May 2024 – May 2024

- Developed a secure authorization and authentication system using JWT tokens, ensuring **100%** data protection by preventing unauthorized access and securing user sessions.
- Designed role-based access control for **100+** users, restricting sensitive features based on user roles (Founder, Investor) to enhance security and functionality.
- Created an intuitive user interface, improving engagement by **40%** with smooth navigation, responsive design, and an enhanced user experience.

Nazar | Flask, MongoDB, Express.js, Node.js, JavaScript



Dec 2023 – Feb 2024

- Developed a dynamic web application using Flask, a Python micro-framework, to create scalable and responsive web solutions.
- Integrated advanced camera functionalities into the web application, enabling users to register camera IP addresses and stream live video feeds seamlessly.
- Implemented real-time data streaming to continuously display live video frames and object detection results on the web interface, enhancing real-time monitoring and user interaction.

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, PostgreSQL, MySQL, MongoDB, C, Java, Python

Frameworks: HTML5, CSS, JQuery, Bootstrap, React.js, Next.js, Node.js, Flask, TailWindCss, Material-UI

Tools: Git, Docker, AWS

Concepts: Data Structures, Algorithms, RESTful API Development, Web Technology

CERTIFICATES

- Coding Ninjas** : Earned a certificate in **Data Structures and Algorithms** using C++
- 100xDevs** : Certified in **Full Stack Web Development.**

ACHIEVEMENTS

- Achieved qualification for **IIT-JEE Advanced 2021**, ranking within the top 5% of candidates.