

KUNAL RATHORE

FULL-STACK DEVELOPER

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CONTACT

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PROFILE SUMMARY

Full-stack developer aiming to build efficient, secure, and AI-enhanced applications. Skilled in Node.js, TypeScript, Express, PostgreSQL, MongoDB, React, and AI integration. Developed the full backend for Research Paper Copilot and built 2ndMind with vector search. Strong in debugging, system design, and ownership, delivering clean and production-ready solutions.

EDUCATION

2023 - 2027

ACROPOLIS INSTITUTE OF
TECHNOLOGY AND RESEARCH

- Bachelor's of Technology
- GPA: 8,28

2020 - 2023

GOVT. SCHOOL FOR EXCELLENCE

- 12th: 84,4% (2022 - 2023)
- 10th: 85% (2020 - 2021)

WORK EXPERIENCE

Backend Developer

JULY 2025 - NOV 2025

Research Paper Copilot — Backend System — Independent Project

- Built the backend with Node.js, Express, MongoDB/Postgres, secure JWT auth, and structured arXiv ingestion via xml2js.
- Designed an AI workflow using Gemini SDK and ChatGPT for summarization, validation, and paper analysis.
- Implemented serverless PDF generation, custom error handling, and centralized logging.
- Result: Improved processing accuracy and reduced manual research effort through automated analysis and stable backend workflows.

Frontend Developer

OCT 2025 - PRESENT

Personal Portfolio Website

- Built a responsive portfolio using React, TypeScript, Tailwind, integrating Framer Motion and Lenis for smooth animations and modern UI interactions.
- Added a Gemini chatbot, Context API state management, and Prism-based code highlighting for a polished, functional experience.
- Result: Delivered a fast, interactive portfolio that effectively showcases projects and technical capabilities.

SKILLS

- JavaScript, TypeScript,
- Node.js, Express.js,
- React, TailwindCSS,
- Postgres, Mongoose,
- SQL, C++,
- AI Integration, Figma,
- Git, Github,
- Public Relation,
- Teamwork

STRENGTHS

- Persistent Debugger,
- Positive and Adaptable Attitude.

HOBBIES

- Workout,
- Meditation.

LANGUAGES

- English
- Hindi

CO-CURRICULAR ACTIVITIES:

- Participated in AI Manthan National Level Hackathon.
- Actively led and collaborated with teams in multiple competitions during Tech Fest 2024.

REWARDS & ACCOLADES:

- 2nd Position in AI Fusion, National Level Tech Fest 2024 under my leadership.
- 2nd Position in Query and Conquer Competition organized by Developer's Community Club AITR.

Declaration: I hereby declare that the information furnished above is true to the best of my knowledge.