Vijay Kumar R

Email Id| Linkedin | GitHub

TECHNICAL SKILLS

- **Languages**: C++, Python, Java
- **Frontend**: React js, HTML, CSS, Tailwind CSS
- **Backend**: Node js, Express.js, Javascript
- **Databases**: MongoDB, MySQL
- **Tools / Frameworks / Libraries / Version Control /Operating Systems /API Technologies**: Git, GitHub, Postman, REST API's, ThunderClient, bruno

PERSONAL STATEMENT

Aspiring Backend Engineer with a strong foundation in C++ and Python, complemented by hands-on experience in Node.js and Express.js. Successfully developed scalable projects like EcoTrack and JobGenie, demonstrating proficiency in backend development and database management with MongoDB and MySQL. Eager to leverage technical expertise to contribute to backend engineering projects and drive innovative solutions.

PROJECTS

Ecotrack   **Mar 2025 - May 2025**
- Developed a full-stack web application for tracking and visualizing environmental impact metrics with CRUD-based user data management.
- Helps individuals and communities monitor eco-friendly activities, promoting sustainability through data-driven insights.
- Frontend tested with peers to ensure smooth functionality, ease of use, and a clean UI.
- Optimized state management in React; solved backend CORS issues; improved API integration skills.

Lexolution   **Jan 2025 - Feb 2025**
- Built an AI-powered legal platform that helps users choose the best lawyer for their case based on expertise and past case success.
- Addresses the challenge of selecting the right lawyer by recommending professionals based on expertise and past case success,
- Tested with sample datasets and peers, resulting in positive feedback for accurate lawyer recommendations and fast data retrieval.
- Fine-tuned AI models for domain-specific responses improved skills in dataset preparation, prompt engineering, and backend API design for AI-driven

Jobgenie   **Aug 2025**
- Developed an AI-powered career and resume coach that analyzes job descriptions, builds tailored resumes.
- Helps job seekers optimize resumes and interview readiness using AI-powered insights.
- Early-stage prototype tested by peers; received feedback on improving AI response accuracy.
- Learned zero,one, multiple-shot prompting and RAG with AI APIs; improved backend request handling; refined API response structuring.

EDUCATION ENROLLMENT

Kalvium's UG program in CS (Software Product Engineering)   **2024 - 2028**
Bachelor's, BCA, University RV University   *Bangalore*
- **GPA:** 8.43

ACHIEVEMENTS & EXTRACURRICULARS

- **Hackathon Finalist-PromptRepo Hackathon (2025) Lexolution:**A Matched users with suitable lawyers using Gemini API and AI-driven summarization of legal data.
- Enjoy solving complex coding challenges and participating in hackathons to sharpen problem-solving skills.
- Curious learner with interests in Linux, ethical hacking, and exploring new technologies.

CERTIFICATION

- **CodeVerse GDG RVU Coding Challenge:**Participant & Solver [Link to Certificate]