Vijay Kumar R

LinkedIn | Github | Portfolio

TECHNICAL SKILLS

Languages: C++[Advanced], Python [Intermediate], Java [Basic]
Level Indicators - DOJO - 1 to 3 Basic ; DOJO - 4 & 5 Intermediate ; DOJO - 6 Advanced
Frontend: React js, HTML, CSS, Tailwind CSS
Backend: Node js, Express.js
Databases: MongoDB, MySQL
Tools / Frameworks / Libraries / Version Control /Operating Systems /API Technologies : Git, GitHub, Postman, REST API's, ThunderClient

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PERSONAL STATEMENT

Highly motivated Computer Science student proficient in C++ and Python, with a strong foundation in problem-solving and algorithmic thinking demonstrated through successful completion of multiple DOJO problem sets. Developed and delivered impactful projects including EcoTrack, JobGenie, and Lexolution, showcasing an ability to build scalable solutions. Eager to leverage technical expertise and contribute to innovative projects as an intern, expanding practical skills in a dynamic environment.

PROJECTS

Ecotrack | Github Repo | Deploy link   March 2025 – May2025

What you did: Developed a full-stack web application for tracking and visualizing environmental impact metrics with CRUD-based user data management.

Tech Stack and Frameworks used: MongoDB, React (TSX & JSX), Node.js, Express.js, Tailwind CSS, CORS, REST APIs, Axios, Vite.
- **Problem Solved / Use Case:** Helps individuals and communities monitor eco-friendly activities, promoting sustainability through data-driven insights.

- **Impact / Usage :** Frontend tested with peers to ensure smooth functionality, ease of use, and a clean UI..

- **Challenges Tackled / Learning Outcome:** Optimized state management in React; solved backend CORS issues; improved API integration skills.

Lexolution| Github Repo   Jan 2025 – Feb 2025

What you did: Built an AI-powered legal platform that helps users choose the best lawyer for their case based on expertise and past case success. Integrated a fine-tuned Gemini API model trained on curated legal datasets to deliver accurate recommendations and tailored legal insights.

Tech Stack and Frameworks used: Node.js, Express.js, MongoDB, React (JSX), Tailwind CSS, CORS, REST APIs, CRUD operations, and Gemini API integration.

- **Problem Solved / Use Case:** Addresses the challenge of selecting the right lawyer by recommending professionals based on expertise and past case success,

- **Impact / Usage :** Tested with sample datasets and peers, resulting in positive feedback for accurate lawyer recommendations and fast data retrieval.

- **Challenges Tackled / Learning Outcome:** Fine-tuned AI models for domain-specific responses improved skills in dataset preparation, prompt engineering, and backend API design for AI-driven

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Jobgenie| [Github Repo](#)   **Aug 2025**

What you did: Developed an AI-powered career and resume coach that analyzes job descriptions, builds tailored resumes.

Tech Stack and Frameworks used: Node.js, Express.js, MongoDB, React (JSX), Tailwind CSS, GeminiAI API, REST APIs, CORS.

- **Problem Solved / Use Case:** Helps job seekers optimize resumes and interview readiness using AI-powered insights.

- **Impact / Usage :** Early-stage prototype tested by peers; received feedback on improving AI response accuracy.

- **Challenges Tackled / Learning Outcome:** 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)   **2024-28**

Campus: Bengaluru | Bachelor's enrollment: BCA, University RV University

ACHIEVEMENTS & EXTRACURRICULARS

- **Hackathon Finalist–PromptRepo Hackathon (2025) Lexolution:** A Matched users with suitable lawyers using Gemini API and AI-driven summarization of legal data.

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

- **PromptRepo Hackathon –** Finalist for *Lexolution* project, recognized for AI-powered legal-tech innovation (2025) [[Link to Certificate](#)]

- **Campus Engagement / Leadership:** Active participant in the LeetCode Community, completing assigned coding challenges and sharing solutions. Served as a monitor during the RVU LeetCode Challenge, supporting event organization and participant queries.

- **Personal Interests :** Enthusiastic about bike riding and exploring nature, with a passion for photography.

- 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.