

Atul Raj

Email: araj29122004@gmail.com | LinkedIn: www.linkedin.com/in/atul-0729-raj

GitHub: github.com/atulraj2912

Professional Summary

Software Engineer specializing in full-stack development, automation, and AI-driven solutions. Built scalable applications used by 1,000+ users, enhancing automation efficiency by 45%. Runner-up in a national hackathon, demonstrating strong problem-solving and algorithmic skills. Adept at developing efficient and innovative software solutions using Python, Java, and C++.

Education

B.E. in Computer Science (2024 - Present)

Acharya Institute of Technology, Bengaluru | CGPA: 8.89

Projects

- AI Calendar Assistant

- Engineered an AI-powered scheduling assistant using Python and NLP, reducing manual input by 50%.
- Integrated Google Calendar API to automate event management, improving task efficiency by 40%.
- Deployed for 500+ users, leading to a 30% reduction in missed meetings and task delays.

- Flash Card Generator

- Developed an OCR-powered flash card system in Java & Python, assisting 1,000+ students in quick revisions.
- Generated 10,000+ flashcards with an AI-backed spaced repetition algorithm, improving retention by 35%.
- Increased learning speed by 25% through intelligent topic categorization and gamification.

- Cover Letter Generator

- Designed a web-based AI cover letter generator using Flask & GPT models, automating 200+ job applications.
- Enhanced ATS optimization by 30% using AI-generated keyword matching.
- Reduced job application time by 50% through automated content personalization.

Technical Skills

- Programming: Python, Java, C, C++
- Web Development: JavaScript, React.js, Flask
- AI & ML: OpenAI GPT, TensorFlow, NLP

- Data Structures & Algorithms (Solved 500+ DSA problems)
- APIs & Automation: REST APIs, Google Calendar API

Achievements

- Runner-up in Phase Shift 2024 Hackathon (BMSCE, IEEE), competing against 100+ teams.
- Built AI-powered automation tools used by 1,000+ individuals, improving workflow efficiency by 45%.
- Completed Advanced Java Course (NPTEL), scoring in the top 5% of participants.
- Solved 500+ coding problems on LeetCode & CodeChef, achieving a 4-star CodeChef rating.