

Akkilesh A

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EDUCATION

Vellore Institute Of Technology, Chennai	B.Tech Computer Science & Engineering	CGPA : 9.24	September 2022-Present
Chennai Public School, Chennai	Grade 12 CBSE	92.6%	2022
Chennai Public School, Chennai	Grade 10 CBSE	95.2%	2020

EXPERIENCE

Software Development Engineering Intern	Ministry of Electronics and Information Technology - GOI	May 2024 – Present
<ul style="list-style-type: none">Engineered usable and scalable frontends using industry-standard tech stacks for the Intelligent On-Line Teaching Learning Portal, aimed at enhancing problem-solving and programming skills.Implemented end-to-end testing for components and web pages to ensure reliability and performance.Utilized Next.js, Redux, Turborepo, Tailwind CSS, and Cypress to develop and test robust and efficient web applications.		
Software Development Engineering Intern	Codefeast	May 2024 – July 2024
<ul style="list-style-type: none">Worked on MERN projects, contributing to both backend and frontend development.Integrated databases with application logic to ensure seamless data management and retrieval.Utilized Tailwind CSS for styling and creating responsive web interfaces.		

AWARDS

DeFy'24 Winner(De-Fi Track)	National Level Hackathon conducted by DAO-Community,VIT Chennai	January 2024
<ul style="list-style-type: none">A web3 based crop insurance portal with intuitive user interface that made us win DeFy'24 hackathon.		
GenAI Hackathon Finalist	GAVS	June 2024
<ul style="list-style-type: none">Selected for the final round of 10 teams by developing Resume Copilot 1.0, a full-fledged application that uses GenAI to help recruiters filter student resumes.		

TECHNICAL SKILLS

Languages	Python, JavaScript, TypeScript, SQL, Java, C/C++, HTML, JSON, CSS
Frameworks and Libraries	React, Next.js, Node.js, Flask, ExpressJS, Tailwind CSS, Bootstrap, Redux, Recoil, Prisma, MongoDB, jQuery
DevOps and API Tools	Docker, Git, GitHub, Postman, Monorepo, Turborepo
Authentication and Security	JSON Web Tokens (JWT), NextAuth
Databases	MongoDB, PostgreSQL
Data Science Libraries	Pandas, NumPy
Design, Editing, and Others	Figma, Notion, Canva, ClipChamp
Familiar with	AWS, Cloudflare Workers

PROJECTS

Resume Copilot 2.0	React, Tailwind CSS, Flask, Redux Website Link	Jul 2024
<ul style="list-style-type: none">Spearheaded the design and development of Resume Copilot 2.0, a GenAI-powered web application that provides detailed resume feedback and comparison with job descriptions.Integrated Flask backend to handle resume file uploads and job description analysis, generating match percentages and actionable feedback for users.Utilized Redux for efficient state management, improving the performance and scalability of the application.Empowered students to improve their resumes and check their GitHub statistics, aiding in the enhancement of their job application process.		
HumanoidX Club Official Website	React, Tailwind CSS Website Link	Mar 2024
<ul style="list-style-type: none">Led the design and development of the HumanoidX Club's official website at VIT, Chennai, from concept to deployment.Implemented responsive and dynamic UI components using React, enhancing user experience across devices.		

ADDITIONAL LEADERSHIP EXPERIENCE

Codechef Student Chapter, VIT Chennai | *President*

- * CookOff 2024 – Organized a successful 24-hour hackathon, engaging over 200 participants and fostering a collaborative coding environment.
- * Guided over 100 members, orchestrating numerous code-a-thons and events with extensive participation.
- * Managing 7 departments, encompassing both technical and non-technical teams, ensuring smooth operations and effective collaboration.

CYSCOM, VIT Chennai | *Event Management & Web Dev Departments*

- * Zypher 2023 – Helped organize a CTF event by CYSCOM, VIT Chennai
- * Bash Essentials 2024 – Helped organize a one day event on bash essentials
- * Helped build components of club's official website

HumanoidX VITCC | *Lead Web Developer*

- * Designed and built the club's official website

COURSES AND CERTIFICATIONS

Postman Postman API Fundamentals Student Expert

Cisco Introduction to Packet Tracer, Introduction to Cyber Security

LANGUAGES

Proficient Tamil, English

Intermediate Telugu, Hindi, Tamil