

Ajay Chakravarthi

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PROFILE

Passionate AI and backend developer with experience in building intelligent, real-time systems. Developed impactful projects including AI chatbots, resume analyzers, and smart hiring platforms. Skilled in fine-tuning models and applying soft prompting techniques to create scalable, AI-driven solutions.

EDUCATION

- SNS College of Engineering (Autonomous, Affiliated to Anna University)** Coimbatore, India
Bachelor of Technology - Artificial Intelligence and Data Science; CGPA: 7.6 (upto 6th sem) Aug 2022 – May 2026
- Bhaarith Vidya Bhavan Matriculation Higher Secondary School** Palani, India
Higher Secondary Certificate (HSC); Score: 83% June 2020 – April 2022
- Bhaarith Vidya Bhavan Matriculation Higher Secondary School** Palani, India
Secondary School Leaving Certificate (SSLC); Score: 97.2% April 2020

SKILLS SUMMARY

- Languages:** Python, JavaScript, TypeScript
- Frameworks:** React, Django, Node.js, Next.js, TailwindCSS, LangChain, GenAI, RAG, Pandas, NumPy, Scikit-learn
- Tools:** Docker Compose, Git, GitHub, REST APIs, Render, Vercel, Postman, Figma
- Databases:** MongoDB
- Cloud:** AWS
- Soft Skills:** Agile Methodology, Team Collaboration, Problem Solving

EXPERIENCE

- SNS iNnovation HUB** Coimbatore, India
Junior Software Intern (Stipend) Oct 2024 – Jul 2025
 - Real-time Project Development:** Contributed to the development of tools like a Syllabus Generator and ATS Report Generator using Agile methodology.
 - Tech Stack Exposure:** Worked with technologies such as Django, React, MongoDB, and REST APIs in collaborative environments.
 - Skill Growth:** Enhanced both technical and soft skills including project planning, time management, and communication.

PROJECTS

- FestiFly (AI-Powered Festival Companion):** Developed an AI-driven platform that helps users discover, plan, and experience festivals and local events using real-time Reddit insights and interactive voice/video AI. Tech: Django, React, Tailwind CSS, Tavus. **Demo:** festifly
- RAG-based Chatbot (Retrieval Augmented Generation, GenAI):** Developed a chatbot using NVIDIA's knowledge base to provide specific, accurate answers to user queries. Tech: Python, LangChain, REST APIs.
- Resumino (Modern Resume Builder):** Built a platform using Next.js that provides customizable resume templates with real-time preview and PDF export features for job seekers.
Tech: Next.js, TypeScript, Stripe, Prisma
Demo: resumino
- LoveConnect (Private Relationship Companion Platform):** A private platform for couples featuring real-time chat and a unique gallery of memories. Designed with privacy at its core, it helps couples connect, communicate, and cherish special moments together.
Tech: Cloudflare R2, React, TypeScript, WebSocket, Redis
Demo: loveconnect.haaka.online
- InterviewIQ AI (AI Assistant):** Built an AI tool to help students practice interview questions and receive feedback using real-time prompt generation. Tech: GenAI, LangChain, React.

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals:** Microsoft Aug 2025
- Postman API Fundamentals Student Expert:** Postman June 2025
- Salesforce Certified Agentforce Specialist:** Salesforce Apr 2025
- Databricks Lakehouse Fundamentals:** Databricks Oct 2024
- Databricks Fundamentals Accreditation:** Databricks Oct 2024

SPOKEN LANGUAGES KNOWN

- Tamil — Native proficiency
- English — Professional working proficiency
- German — Elementary proficiency