

CHIRAG BANSAL

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EDUCATION

Thapar Institute of Engineering and Technology, Patiala <i>Bachelor of Engineering in Electronics and Computer</i>	CGPA: 8.94 Sep. 2022 – Jun. 2026
L.R.S. D.A.V. Senior Secondary Model School, Abohar <i>PCM– CBSE, XII</i>	CGPA: 9.1 May 2020 – Mar. 2021

EXPERIENCE

Tradify Pvt. Ltd. <i>Full Stack Intern</i>	Jun. 2025 – Jul. 2025 Delhi
<ul style="list-style-type: none">– Developed a scalable Node.js application integrating 4 microservices for real-time news fetch, AI summarization, and image generation.– Engineered fault-tolerant logic to maintain 75%+ uptime by isolating failures in individual services.– Built a robust schema validation layer using Zod and secured APIs with JWT-based authentication.	
Thapar School of Liberal Arts and Sciences <i>Full Stack Intern</i>	Mar. 2024 – May. 2025 Patiala
<ul style="list-style-type: none">– Built a research paper management system using Node.js and Appwrite BLOB, adopted by 500+ faculty.– Established a 3-tier hierarchy for efficient submission, review, and updates; reduced paperwork by 75%.– Built a responsive React UI with client-side filters and debounced search, reducing paper lookup time by 70%.	
NOTATMRP Innovation Pvt. Ltd. <i>Full Stack Intern</i>	Nov. 2023 – Feb. 2024 Patiala
<ul style="list-style-type: none">– Built Node.js backend with auth, Razorpay integration, and real-time order processing (200ms response).– Created dynamic menu, interactive pages, and product alerts in React, boosting user interaction by 30%.– Improved frontend with lazy loading and error boundaries, cutting load times by 40%, bounce rate by 25%.	

PROJECTS

ProfileGPT <i>Flask, React, JSON, Docker, Git</i>	Jun. 2025 – Jul. 2025
<ul style="list-style-type: none">– Built an automated RAG-based system to generate personalized AI chatbots from resume data, cutting creation time by 95%.– Shareable chatbot URLs integrated, with over 120+ bots in internal testing using FastAPI concurrency.	
QuickCrave <i>Node.js, React, SQL, Git</i>	Mar. 2024 – May 2024
<ul style="list-style-type: none">– Built a contactless food ordering app, reducing waiter wait times by 80%, increasing order efficiency by 2×.– Enacted SSE and a tailored scheduling program, reducing order fulfillment time by 25%.– Developed a sales and order analytics dashboard for real-time monitoring, increasing revenue insights by 50%.	

ACHIEVEMENTS

- Filed a patent for UC2D, a portable device that unifies crop care using smart spray automation.
- Ranked **11th** in Soil Image Classification Challenge at IIT Ropar (multi-class image classification).

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, Flutter, Appwrite
Developer Tools: Docker, Kubernetes, Git, Postman
Relevant Coursework: Data Structures (DSA), DBMS, CN, OOPS, OS, Conversational AI