
PROFESSIONAL SUMMARY

Computer Science Engineering student with hands-on experience building full-stack and AI-powered web applications using React, Node.js, MongoDB, and REST APIs. Strong foundation in Data Structures, DBMS, and Operating Systems, with a focus on designing scalable and user-centric software. Proficient in problem-solving and quickly learning new technologies. Actively seeking internship or entry-level software development opportunities.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science Engineering
Panipat Institute of Engineering & Technology, Haryana
August 2023 – June 2027

SKILLS

- **Programming Languages:** C, C++, Java, JavaScript, TypeScript
 - **Web Development:** HTML5, CSS3, JavaScript (ES6+), React, Next.js, Tailwind CSS
 - **Backend Development:** Node.js, Spring Boot, RESTful APIs, CRUD Operations, Authentication (JWT, Clerk, HttpOnly Cookies)
 - **Database Management:** MySQL, MongoDB, PostgreSQL, Redis
 - **Cloud & DevOps (Basics):** Docker, Cloud Deployment (Vercel, MongoDB Atlas)
 - **Developer Tools:** Git, GitHub, VS Code, Postman, IntelliJ IDEA, Cursor
 - **Computer Science Fundamentals:** Data Structures & Algorithms, DBMS, Operating Systems, OOP, Computer Networks
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PROJECTS

AI Government Scheme Advisor – AI-Powered Recommendation Platform

- *Integrated Llama-3.3 and Gemini models to analyze user demographics and eligibility data, generating highly accurate and personalized government scheme recommendations*
- *Implemented multi-language support (English and Hindi) to improve accessibility for users across diverse regions*
- *Designed a modern glassmorphism-based UI using Tailwind CSS and Framer Motion with backdrop blur and semi-transparent layers for a premium user experience*
- *Integrated Clerk authentication for secure user sign-up, login, and session management*
- *Developed AI-powered smart search and filtering to allow users to query schemes by keywords, relevance, and category*
- *Built a Saved Schemes feature using MongoDB to enable users to bookmark important schemes for future reference*
- *Optimized application performance using state management and sessionStorage caching to reduce redundant API calls and improve response times*

Study Buddy – AI-Powered SaaS for Students

- *Integrated Llama-3.1-8B via Groq to generate instant summaries, revision questions, and tags from raw study notes with low-latency responses*
- *Built a custom Retrieval-Augmented Generation (RAG) system to fetch previous study logs and enable users to query their learning history*
- *Developed an interactive analytics dashboard using Recharts to visualize study streaks, subject distribution, and time spent*
- *Implemented Focus Mode and Zen Mode to provide a distraction-free learning environment with ambient UI and music integration*
- *Secured user data and private routes using Clerk authentication and JWT-based backend middleware*

Email-Reply-AI – AI Email Assistant

- *Developed an AI-powered email assistant that generates professional replies using Llama 3 AI*
 - *Built responsive frontend using React and Tailwind CSS with secure user authentication*
 - *Implemented backend services using Node.js and Express for AI integration and data processing*
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ACHIEVEMENTS & SOFT SKILLS

- Strong problem-solving and analytical thinking skills with effective teamwork and communication
 - Built and deployed **multiple full-stack SaaS applications** using React, Node.js, MongoDB, and cloud authentication
 - Developed **AI-powered features** including summarization, quizzes, and intelligent assistants using LLM APIs
 - Created and maintained **production-ready GitHub repositories** following proper version control and security
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