

# Akhilesh Datt

LinkedIn: [linkedin.com/in/akhilesh-datt/](https://www.linkedin.com/in/akhilesh-datt/)  
 GitHub: [github.com/akhileshdutt](https://github.com/akhileshdutt)

Email: [akhilesh.05.dutt@gmail.com](mailto:akhilesh.05.dutt@gmail.com)  
 Mobile: +91-9118871433

## SKILLS

• <b>Languages:</b>	Java, C++, Python, SQL.
• <b>Web Technologies:</b>	HTML, CSS, JavaScript, React.js, Node.js, Express.js, PHP, Postman.
• <b>Database &amp; Cloud Computing:</b>	MySQL, MongoDB.
• <b>Tools/Platforms:</b>	Git, GitHub, Figma, Vercel, Render, Railway, Ubuntu OS, Kali Linux.
• <b>Soft Skills:</b>	Leadership, Problem-Solving Skills, Team Player, Clear Communication, Project Management, Adaptability, detail-oriented, Proactive learner.

## PROJECTS

• <b>Insurance Chatbot</b>	Aug 2025
<ul style="list-style-type: none"> <li>Engineered and deployed a full-stack chatbot application for document-driven Q&amp;A using the MERN stack (React.js, Node.js, Express.js) with a Python FastAPI backend, improving response efficiency by 30%.</li> <li>Built and optimized a Retrieval-Augmented Generation (RAG) pipeline that parsed and chunked 1,000+ documents, generated embeddings with Mistral-7B, performed similarity search with FAISS, and integrated a secure 2-step workflow via RESTful API proxy, reducing query latency by 25%.</li> <li>Implemented and maintained MongoDB for authentication and data persistence, securely handling 500+ user credentials with hashed passwords and session management to ensure scalable and reliable access control.</li> </ul>	
• <b>MERN-Based Social Networking App.</b>	Jul 2025
<ul style="list-style-type: none"> <li>Developed a scalable social networking platform using MongoDB, Express.js, React, and Node.js, featuring secure authentication, profile management, and CRUD operations for posts.</li> <li>Implemented real-time engagement features (likes, comments, image uploads), boosting user interaction by 40% and ensuring seamless responsive UI across devices.</li> <li>Optimized performance by reducing API response time by 25% through efficient database queries and RESTful API design, achieving a 90% Google Lighthouse score.</li> </ul>	
• <b>Email Verification System</b>	Jun 2025
<ul style="list-style-type: none"> <li>Developed a back-end system in PHP to handle 100+ user registrations with secure email verification codes and an unsubscribe workflow, strengthening user authentication and security practices.</li> <li>Integrated Gmail SMTP (via app password) to automate 100% of verification emails, ensuring reliable communication and demonstrating expertise in third-party service integration.</li> <li>Engineered custom back-end logic for persistent user record management, optimizing file handling efficiency by 30% and ensuring secure data operations across the workflow.</li> </ul>	
• <b>Creative Agency Landing Page Clone – Inspired by Sundown Studio.</b>	Dec 2024
<ul style="list-style-type: none"> <li>Developed a pixel-perfect clone of the Sundown Studio website using HTML, CSS, JavaScript, and React, ensuring high design fidelity and accurate client vision representation.</li> <li>Optimized performance by refining navigation, implementing smooth animations, and reducing load times by 30%, achieving an 85% Google Lighthouse score.</li> <li>Gained hands-on experience in responsive design, animation handling, and frontend optimization while leveraging GitHub for version control and collaborative development.</li> </ul>	

## COMMUNITY SERVICE

<b>Green Outreach Program with Shivdevi Educational Society</b>	Jun 2023
<ul style="list-style-type: none"> <li>Led a community development project in Lucknow with Shivdevi Educational &amp; Social Welfare Society</li> <li>planting 100+ trees and distributing 500+ plants for environmental sustainability.</li> <li>Engaged 200+ community members through eco-awareness campaigns, driving participation in green initiatives.</li> <li>Promoted eco-friendly practices and increased community involvement in sustainability by 40%.</li> </ul>	

## CERTIFICATIONS

◦ Meta Frontend & Backend Development & React: Coursera	Jan 2025
◦ Amazon AWS: Coursera	Dec 2024
◦ Prompt Engineering: IBM	Nov 2024
◦ Introduction to Cyber Security: Coursera	Jul 2024
◦ Mastering Data Structures and Algorithm: Udemy	Nov 2023

## Education

<b>Lovely Professional University</b> Bachelor of Technology (Computer Science and Engineering)	Punjab, India Since August 2022
<b>Lucknow Public School</b> Intermediate (XII)	Lucknow, Uttar Pradesh July 2019 - May 2021