

NIKUNJ TYAGI

Full Stack Developer

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Summary

Innovative Full Stack Developer with a strong foundation in MERN stack technologies and a passion for creating scalable web applications. Eager to apply problem-solving skills and contribute to a collaborative development team while continuously learning and growing.

Education

Ajay Kumar Garg Engineering College

Ghaziabad, Uttar Pradesh

Bachelor of Engineering (GPA: 7.6)

Pooja Public School

Agra, Uttar Pradesh

Intermediate – 96.16%

Projects

AI-Bill Splitting

[Source Code](#) [Live Site](#)

- Engineered a **real-time expense tracking application** in 3rd year allowing users to manage and **split expenses** with automated debt simplification of groups up to 10 users.
- Incorporated **AI-powered features** using **Gemini AI** to provide personalized insights and detect unusual spending patterns.
- Implemented a secure authentication system using **Clerk**, reducing user onboarding time by 30% and decreasing unauthorized access attempts by 15% within the first month of deployment.

WanderWorld

[Source Code](#) [Live Site](#)

- Architected a **full-stack web platform** by creating over 20 RESTful API endpoints to manage dynamic user authentication, listings, and booking functionalities.
- Constructed a responsive user interface using **Bootstrap**, merged with a robust backend powered by **Node.js**, **Express.js**, and **MongoDB** for efficient data handling.
- Deployed the application on **Render** for hosting and scalable deployment, ensuring optimal performance.

SaaS Teaching Platform

[Source Code](#) [Live Site](#)

- Developed full-stack SaaS application enabling document interaction through AI-powered chat interface
- B lended **OpenAI API** for document Q&A functionality and text summarization features
- Created subscription billing system using **Stripe API** with tiered pricing models
- Reduced document processing time by 40% through PDF text extraction optimizations
- Achieved 99.8% uptime monitoring with **CloudWatch** and implemented automated backup system

Skills

- **Languages:** C, Java, JavaScript, PHP, TypeScript, HTML, CSS
- **Framework/Technologies:** React.js, Node.js, Express.js, MongoDB, SQL, Bootstrap, Tailwind, Material-UI
- **Tools & Platforms:** Postman, Hoppscotch, Git, GitHub, AWS, Render, Vercel, VS-Code

Certifications

- **From Learner to Builder: Become an AI Agent Architect** — IBM
- **Data Science with Python** — Infosys SpringBoard
- **Artificial Intelligence Primer Certification** — Infosys SpringBoard

Experience

IBM

July 2025 – present

AI Architect

- Architected 5 modular AI agents using frameworks like LangChain and AutoGen.
- Integrated LLMs into production-grade pipelines, reducing manual data processing time by over 30% for the team.