

SUBHASH KUMAR YADAV

+91 7369090446 | subhashyadav25177@gmail.com | github.com/subhash446 | linkedin.com/in/subhash-kumar-yadav

PROFESSIONAL SUMMARY

Final-year B.Tech (Information Technology) student with hands-on experience building and deploying **full-stack applications** using React, JavaScript, Node.js, Express.js, and MySQL. Experienced in developing **REST APIs**, **JWT authentication**, **input validation**, and **database integration**, along with integrating **LLM APIs (Google Gemini)** to build **AI-powered assistants and agents** in web applications. Strong foundation in **Data Structures & Algorithms**, **OOP**, **DBMS**, **Operating Systems**, and **Computer Networks**, with a strong interest in Generative AI and agentic workflows.

EDUCATION

Bachelor of Technology (Information Technology) <i>Noida Institute of Engineering and Technology, Greater Noida</i>	2023 – 2027
Senior Secondary School (BSEB) <i>M.G College, Sundarpur, Darbhanga</i>	2019 – 2021
Secondary School (BSEB) <i>R.K High School, Goramansingh, Darbhanga</i>	2019

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL
Frontend: React.js, HTML5, CSS3, Tailwind CSS
Backend & APIs: Node.js, Express.js, REST API Design, JSON, Webhook Integrations
Generative AI & LLM: Google Gemini API, LLM API Integration, Prompt Engineering, AI Agents, Generative AI
Databases: MySQL (SQL), MongoDB (NoSQL), Mongoose
Security Practices: JWT Authentication, Input Validation, Parameterized SQL Queries, CORS, HTML Escaping (XSS Prevention)
Core CS: Object-Oriented Programming (OOP), Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks
Tools & Practices: Git, GitHub, VS Code, API Testing & Debugging

EXPERIENCE

Full-Stack Developer (Volunteer) Bellecure Agro Food & Co. <i>bellecure.co.in · GitHub</i>	Jan 2026 – Mar 2026
- Built and deployed a full-stack business website using JavaScript, Node.js, Express.js, MongoDB, HTML5, CSS3, and Tailwind CSS, integrating a responsive frontend with REST APIs. - Developed REST APIs for customer and distributor inquiries, admin operations, and data management using MongoDB/Mongoose with client- and server-side validation. - Integrated the Google Gemini API to develop an AI-powered customer support assistant supporting English, Hindi, and Hinglish, with fallback handling for API downtime and quota limitations. - Implemented protected admin access, centralized API error handling, and CORS configuration for secure API usage. - Added HTML escaping and third-party integrations; debugged and deployed the application across development and production environments.	

PROJECTS

Business Market Monitor <i>React.js, JavaScript, Node.js, Express.js, MySQL, Gemini API</i>	Live Link · GitHub
- Built and deployed a full-stack business market monitoring platform using React.js, Node.js, Express.js, and MySQL to track raw-material prices, historical trends, market signals, and business risks through a centralized dashboard. - Developed a layered REST API backend with JWT authentication, request validation, parameterized SQL queries, and data isolation for secure and reliable application workflows. - Integrated the Google Gemini API (LLM) to build an AI-powered market intelligence agent that analyzes market data and signals to generate actionable business insights. - Implemented an automated price-alert workflow that stores historical price observations, evaluates configurable thresholds, creates alert events, and sends email notifications with delivery-status tracking.	
AI-Powered WhatsApp Support Assistant <i>Node.js, Express.js, MongoDB, Twilio, Gemini API</i>	GitHub
- Built an AI-powered WhatsApp support assistant using Node.js and Express.js to process user queries and generate automated conversational responses. - Developed REST APIs and webhook integrations with the Twilio WhatsApp Sandbox to receive, process, and respond to incoming messages. - Integrated the Google Gemini API for LLM-powered query processing and MongoDB for persistent data storage, with request validation and error handling for reliable message processing.	

CERTIFICATIONS & ACHIEVEMENTS

- Introduction to Generative AI – Google Cloud (Simplilearn SkillUP)
- Java Programming Fundamentals – Infosys Springboard
- MongoDB Certification Series – CRUD, Atlas
- Introduction to Cybersecurity – Cisco Networking Academy
- Solved 200+ DSA problems** across LeetCode and GeeksforGeeks, strengthening problem-solving and algorithmic skills.
- Led a team of **5 students** in Smart India Hackathon (SIH) to design a technology solution for a real-world problem.