

NIKHIL KUMAR

Frontend Developer — Gaya, Bihar

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Professional Summary

Frontend Developer and Computer Science (AI) undergraduate with strong problem-solving skills and a solid foundation in DSA using C++, Operating Systems, Computer Networks, REST APIs, and database systems. Experienced in building responsive, user-friendly web applications using modern frontend technologies and writing clean, scalable code.

Education

B.Tech – Computer Science & Engineering (AI)	2022 – 2026
Bihar Engineering University, Patna	CGPA: 8.50
Intermediate (10+2) – Science (PCM)	2019 – 2021
Mahavir College, Gaya — BSEB, Patna	
Matriculation (10th)	2018 – 2019
Janta High School, Dumaria(824206) — BSEB, Patna	

Technical Skills

Languages: C++, C, JavaScript, Python

Core CS: DSA (C++), OOPS, DBMS, OS, CN

Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS, Bootstrap

Tools: Git, GitHub, VS Code

Experience & Projects

Smart City Intern (ICCC Systems)	Dec 2025 – Dec 2025
Patna Smart City Limited (PSCL) — Patna, Bihar	5 Weeks

- Trained at ICCC for real-time smart city operations and monitoring systems.
- Worked on ISWM module workflows for waste management tracking and issue reporting.
- Studied Pump Automation System (IIT Delhi) focusing on monitoring, alerts, and control flow.

Salesforce Developer Intern (Virtual)	Dec 2023 – Jan 2024
Salesforce (Virtual Internship / Trailhead)	8 Weeks

- Completed hands-on training on Salesforce CRM, Apex, SOQL, LWC, and automation tools.
- Built basic Salesforce components and workflows using Objects, Flows, and Validation Rules.
- Gained exposure to real-world CRM development concepts and best practices.

JARVIS – AI Voice Assistant	2025
Python, Speech Recognition, Text-to-Speech	

- Developed an AI voice assistant to perform tasks like opening applications, web search, and system commands.
- Integrated **Speech-to-Text** and **Text-to-Speech** modules for interactive voice-based control.

Plant Disease Detection	2025
Deep Learning (CNN), Python	

- Built a CNN-based model to classify plant leaf diseases using image inputs.
- Applied preprocessing and augmentation to improve model generalization and reduce overfitting.

Licenses & Certifications

Problem Solving Through Programming in C (Top 5%) – IIT Kharagpur (NPTEL), Introduction to Operating Systems (Top 2%) – IIT Madras (NPTEL), IBM SkillBuild (Multimodal Retrieval-Augmented Generation), Linux Essentials & Linux Unhatched (Cisco), Cybersecurity Essentials (Cisco), C++ Training – Spoken Tutorial Project, IIT Bombay