

SATISH KUMAR

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Summary

Entry-level software developer with hands-on experience in Java, React, SQL and DSA. A fast learner with a collaborative mindset, write clean and efficient code, solve problems through debugging and logical thinking. Seeking an opportunity in software development/engineering to contribute my skills, learn continuously, and give my best effort in delivering quality solutions.

Education

Bihar Engineering University, Patna	2021 - 2025
B.Tech in Electrical Engineering	8.12 CGPA
ANS College Barh, Patna	2020 - 2021
Intermediate (BSEB)	Percentage: 79.4
Saraswati vidya mandir, Barh, Patna	2018 - 2019
Matriculation (CBSE)	Percentage: 73.6

Technical Skills

- **Languages & Web Technologies** : Java, C, HTML/CSS, JavaScript
- **Concepts** : Object-Oriented Programming (OOPs), Good Understanding of SOLID Design Principle, Data Structures and Algorithms (DSA), Basic Understanding of SDLC, Operating Systems (OS), Computer Networks (CN).
- **Passionate about** : Solving DSA problems in Java (arrays, strings, recursion, linked list, trees).
- **Databases** : MySQL
- **Tools & Platforms** : VS Code, Eclipse IDE, MATLAB, Git, Github.

Projects

Shape Learning Game (Java | OOPs)

- Developed an interactive console-based educational game to help students (class 6–12) understand 2D and 3D shapes.
- Implemented a modular OOP design using inheritance, interfaces, polymorphism, and upcasting to dynamically generate shape objects and compute area, perimeter, volume, LSA, and TSA.

AGC & Frequency Stabilization of Hybrid Power Plant using Smart Control (MATLAB)

- Design and Simulation of Load Frequency and Automatic Generation Control of Hybrid Power System Using intelligent Controller in MATLAB (Software) Simulink.

Experience

Java Full Stack Developer Intern : QSpiders, Noida

July 2025 – Present

- Working with Java, OOPs, Collections, React.js, and MySQL to build basic CRUD web applications.
- Developing interactive web interfaces using React.js, JavaScript, HTML, and CSS with proper component structure, props, and state management.
- Currently learning Spring Boot to implement RESTful APIs and backend integration.

Smart India Hackathon 2024:

Nov 2024

- Grouped participation in the Smart India Hackathon 2024 to build a Online Chatbot Based Ticketing System and to make Early Warning System for Glacial Lake Outburst Floods (GLOFs).

Salesforce Developer Virtual Internship:

Dec 2023 – Jan 2024

- Gaining hands-on experience in Salesforce platform, Apex, and Lightning components.

Achievements & Certifications

Cisco Networking :

- Introduction to Cybersecurity

Internshala Training Certification :

- Programming with Python

Smart Internz Salesforce :

- Salesforce Developer Virtual Internship

YHills Certification :

- Hybrid & Electric Vehicles at YHills

Tata - Forage :

- Tata's GenAI Powered Data Analytics Job Simulation

Certificate for Completion (by IIT Bombay) :

- Latex test training certificate
- Introduction to Computers Training

Nptel Certification :

- Signals and Systems IIT Madras Elite + Silver 77%
- Control Systems IIT Madras Elite + Silver 80%