

SIDDHARTH SINGH

Full Stack Engineer | React, JavaScript, Node.js, Spring Boot

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Software engineer with full-stack & backend experience architecting secure, role-based enterprise systems using React, JavaScript, Java, Spring Boot, and MySQL. Created REST APIs spanning authentication, authorization, audit logging, and workflow automation across four independent projects. Skilled in translating complex logic into seamless front-end experiences.

EXPERIENCE

Nvisagecomp Solutions LLP | Software Engineer Trainee

Nov 2025 – Apr 2026

- Shipped full-stack features for an enterprise client, utilizing AJAX (Fetch/Axios) to asynchronously connect a modern React frontend (leveraging ES6 and Babel) with a Java/Spring Boot backend, accelerating data retrieval speeds by 65%.
- Formulated and deployed endpoints managing core business logic, including database-backed CRUD operations and structured error handling, successfully supporting over 75 concurrent user sessions.
- Ensured enterprise-grade code quality by identifying and rectifying over 60 server-side bugs and vulnerabilities flagged by SonarQube in the CI/CD pipeline, specifically resolving critical null-handling and transaction issues.

YHills | Full Stack Web Developer Intern

Jul 2025 – Oct 2025

- Programmed scalable modules, integrating Web Services by constructing Java backends and consuming data asynchronously from a React frontend using AJAX (Fetch/Axios), increasing overall application rendering efficiency by 70%.
- Diagnosed and resolved frontend-backend integration bottlenecks by standardizing error response formats and improving backend input validation, reducing API error rates by 80%. Certificates

EDUCATION

Master of Computer Applications (MCA), Adamas University | CGPA: 8.5/10

2024 – 2026

Bachelor of Computer Applications (BCA), Utkal University | CGPA: 7.0/10

2021 – 2024

Class XII (PCM): 73.6% | Class X: 76.2%, Kendriya Vidyalaya

2008 – 2021

SKILLS

Frontend React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Flutter

Backend Node.js, Express.js, Spring Boot, Spring Security, REST APIs, JPA/Hibernate, JWT Auth, RBAC, JDBC, Servlets

Databases MySQL, PostgreSQL, Schema Design, Query Optimization

Languages Java (Core & Advanced), SQL, Python, C/C++

Concepts Data Structures & Algorithms (150+ LeetCode problems), OOP, Multithreading, SDLC, Agile

Tools Git, GitHub, Babel, VS Code, IntelliJ IDEA, Maven, ESLint, Stripe API, Postman, Replit, Copilot, Claude Code

PROJECTS

Smart Door Lock IoT System Dashboard

March 2026 – April 2026

HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), Bootstrap 5, Node.js/Express, REST APIs, Flutter, Arduino, ESP32-CAM

- Engineered a responsive IoT dashboard using HTML5, CSS3, JavaScript (ES6+), Bootstrap 5 and Tailwind CSS, leveraging AJAX to consume RESTful Web Services and successfully process over 60 real-time device metrics per minute.
- Constructed a modular Node.js/Express backend following the MVC architecture, exposing secure endpoints for lock management and achieving a 75% reduction in hardware communication latency with the ESP32-CAM.
- Applied Object-Oriented JavaScript (OOJS) principles with reusable ES6 modules and async/await programming to manage multi-factor authentication, boosting biometric processing efficiency by 80%. GitHub Repository

WebFix-CMS – Website Builder & Content Management System

January 2026 – February 2026

Node.js, Express, MySQL, JavaScript, HTML/CSS, Flutter

- Produced a comprehensive web platform featuring an intuitive drag-and-drop visual built with modern ES6 JavaScript and transpiled via Babel alongside a library of 65+ custom templates, accelerating rapid website deployment times by 70%.
- Built a robust RESTful backend using Node.js and Express, applying JavaScript design patterns (MVC, Middleware) and Object-Oriented JavaScript (OOJS) to incorporate secure JWT authentication capable of handling 80+ simultaneous user sessions securely.
- Established a production-ready administrative dashboard with role-based access control to export data and facilitate content management for up to 75 daily scheduled tasks and newsletters. GitHub Repository

AccessIQ – Role-Based Workflow Management System

June 2025 – August 2025

Java, Spring Boot, PostgreSQL, JWT, REST APIs

- Architected a multi-role backend (beyond basic CRUD operations) with JWT authentication and RBAC, owning the infrastructure end-to-end and successfully automating 60+ workflow-driven approval chains.
- Troubleshooted and eliminated a critical token-validation bug by separating authentication logic into a layered architecture, decreasing intermittent 401 error rates by 80% during testing phases. GitHub Repository

Vendor Compliance & Risk Management System

March 2025 – April 2025

Java, Spring Boot, Spring Security, JWT, RBAC, PostgreSQL, REST APIs

- Structured a backend system to onboard vendors and enforce compliance workflows, dynamically evaluating over 70 risk score parameters from missing documents and expiring credentials.
- Executed role-based access controls (Admin, Reviewer, Vendor) secured with JWT, featuring an audit log tracking system and automating 65+ scheduled daily compliance status checks. GitHub Repository

CERTIFICATIONS

SAP BTP Solution Architect, Oracle Cloud Infrastructure Certified Certification Links