

SATISH KUMAR YADAV

Software Developer | Java Full Stack | Backend Engineer

Bengaluru, Karnataka, India

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PROFILE SUMMARY

Java Full Stack Developer with expertise in Java/J2EE and scalable backend architecture design using SOLID principles and Agile practices. Skilled in building REST APIs and responsive React frontends with Test-Driven Development (TDD), implementing transaction management, database optimization with MySQL.

TECHNICAL SKILLS

Programming Languages: Java, SQL(MySQL/Oracle), JavaScript (ES6+).

Frontend Technologies: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux Toolkit, Hooks, Wireframing.

Backend Technologies: SpringBoot, JDBC, Jakarta Servlet, NoSQL (MongoDB), Middleware, System Design.

DevOps & Tools: Git, Github, Docker, Postman, JUnit, Maven, Netlify, Render, Vercel, AWS EC2, SDLC.

PROFESSIONAL EXPERIENCE

CepiaLabs Pvt. Ltd., Noida, Uttar Pradesh, India [📄](#)

Sep 2025 – Dec 2025

Programmer Analyst Intern

Hybrid

- Architected 5+ responsive UI modules using React, increasing cross-device compatibility & user engagement.
- Implemented reusable component architecture, reducing duplicate UI logic and improving maintainability across multiple modules.
- Streamlined frontend-to-backend communication by integrating RESTful APIs via Axios, ensuring low-latency data rendering.
- Collaborated in an Agile team of 5, contributing to sprint planning, code reviews, and feature delivery in Git-based workflows, Improving release stability and reducing deployment errors by 50%.
- Key Technologies: React.js, State Management (Context API), Hooks (useState, useEffect), Fetch, Local Storage.

PROJECTS

BlogEasy - Blog Management App. | *Servlet, JDBC, MySQL*

Frontend | **Live** [📄](#) | **Backend**

- Built a blog management platform supporting 500+ entries using 3-tier architecture (Controller, Service, DAO).
- Developed responsive React components with optimized client-side routing, reducing page load time by 20%.
- Deployed Role-Based Access Control (RBAC) to secure publishing workflows and administrative blog management.
- Designed dynamic routing & modular backend services, ensuring the platform remains scalable for high data volumes.
- Optimized backend logic by applying SOLID/DRY principles, reducing code duplication by 40%.

SyncBank - Full Stack Account Management App. | *Jakarta Servlet, React.js, MongoDB*

Present

- Developed a robust core banking engine from scratch, enabling the system to handle diverse banking rules for multiple banks within a unified context.
- Implemented a multi-layered security protocol including JWT/OTP authentication, bcrypt encryption, and auto session expiry after 10 minutes of inactivity to strengthen platform security and fraud protection.
- Engineered secure endpoints for real-time banking workflows such as account creation, deposit, withdrawal, PIN management, and transaction validation.
- Links: [Frontend Repository](#) | [Backend Repository](#) | [Live Application](#)

CERTIFICATIONS

- **NPTEL DBMS Certification (IIT Kharagpur):** Achieved 'Elite' status, ranked in the top 5% nationwide.
- **Javascript & React Mastery (Udemy):** Certified in building modern, single-page applications with state management.
- **Java Training (JSpiders):** Undergoing intensive training in enterprise Java development, OOPS, and SQL.

EDUCATION

B.Tech - Computer Science and Engineering

Graduated: 2025

Netaji Subhas Institute Of Technology, Patna

CGPA: 8.1 / 10

Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, OS, DBMS.