

SUBHASH YADAV

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Professional Summary

Results-driven Backend Developer with expertise in the MERN stack and Java Spring Boot. Adept at designing scalable, secure, and modular APIs, leading teams, and implementing full-stack solutions. Strong understanding of micro-services architecture, cloud deployment, API integrations, and system optimization.

Core Technical Skills

- Languages: Java, JavaScript (ES6+)
- Frameworks / Libraries: Spring Boot, Hibernate, Node.js, Express.js, ReactJS, Sequelize, Mongoose
- Databases: PostgreSQL, MySQL, MongoDB
- API & Integrations: REST, JWT, OAuth2, Google Calendar & Meet APIs, Microsoft OAuth, Zoom SDK, Twilio, Nodemailer
- DevOps & Tools: Git, Docker, Maven, VS Code, Postman, Digital Ocean, Ngrok Server

Work Experience

Lead Backend Developer - Digital Engineering Excellence Programming (July 2025 - Present)

- Leading backend architecture for large-scale car rental and insurance platforms built with Flutter frontend.
- Designing and maintaining scalable RESTful APIs and Micro-services for high-performance systems.
- Responsible for full server lifecycle: Docker Containerization, Linux server setup, deployment pipelines, and CI/CD.
- Managing API Gateway and load balancer setup for efficient routing and traffic handling.
- Integrated secure payment gateways and third-party APIs, ensuring compliance and scalability.
- Developed admin panel APIs and analytics endpoints, and coordinated closely with mobile and frontend teams.
- Ensuring uptime, monitoring performance, and deploying backend improvements proactively.

Full Stack Developer - eQuasar Solutions (Jan 2025 - June 2025)

- Designed project architecture using Node.js, Express, React, and MongoDB.
- Developed 30+ RESTful APIs with service-repository pattern and middleware validation.
- Implemented JWT-based role access control, reducing security issues by 30%.
- Optimized aggregation pipelines, improving query performance by 20%.
- Led 4-member team in sprint planning, task allocation, and code reviews.

Java Full Stack Developer & Mentor - Naresh i Technologies (Jan 2024 – Dec 2024)

- Developed key projects including a **Smart Contact Manager** using Spring Boot, Thymeleaf, and MySQL, and integrated **ReactJS** with backend services for an **Employee Management System**.
- Performed thorough **unit testing** and resolved over **15 critical issues**, improving system stability and performance.
- Applied **OOP principles**, **clean architecture**, and **agile methodologies** to ensure timely and maintainable software delivery..

- Mentored **30+ students** on **Java**, **Spring Boot**, and software architectural best practices, sharing real-world insights into **system design** and **communication strategies**.
- Resolved **100+ technical queries**, helping students implement **SOLID principles** and deliver scalable applications.
- Successfully completed a 12-month journey, starting as a Java Full Stack Intern and advancing to a Mentor role.

Goe Data Sharing & Cyber Security Intern - ISRO Remote (Dec 2024 - Jan 2025)

- Gained hands-on experience in **geo-spatial data sharing protocols** and **secure data transmission** within national space data infrastructure.
- Assisted in analyzing and improving **data protection mechanisms** for sensitive satellite and remote sensing datasets.
- Studied and applied **cybersecurity best practices** to prevent data breaches and ensure **compliance with ISRO's security standards**.
- Worked with experts to understand the challenges of **inter-agency data sharing**, including access control, encryption, and metadata management.
- Participated in simulations and internal reviews to identify vulnerabilities in existing data sharing systems and recommend mitigation strategies.

Projects

Auto Proof 24 - Digital Car Rental Inventory App & [Website](#) (July 2025 - Present)

Tech Stack: Node.js, Express.js, PostgreSQL, JWT, Google & Microsoft OAuth, Twilio, AI-powered Inspection Module

Built a digital car rental inspection system with photo-based check-in/out, real-time reporting, and centralized fleet management. Enabled multi-site support, secure 12-month archiving, and automated notifications to reduce disputes and streamline operations.

FieldSathi - Team Management System [Website](#) (Nov 2024 - Jun 2025)

Tech Stack: Node.js, Express.js, PostgreSQL, Google & Microsoft OAuth, Google Calendar, JWT, SMS wala, Twilio.

Built scalable backend APIs with role-based authentication, integrated Google Calendar for automated scheduling, and Twilio for SMS notifications. Implemented real-time location tracking with Google Maps API and optimized service workflows to improve technician coordination by 30%.

FiloFax - Meeting Scheduling Web Application (Sept 2024 - Nov 2024)

Tech Stack: Node.js, Express.js, PostgreSQL, Google & Microsoft OAuth, Zoom SDK, Google Calendar & Meet APIs, JWT

Designed scheduling engine, integrated multi-calendar APIs, collaborated on React frontend.

Malik Printers ERP (July 2024 - Sept 2024)

Tech Stack: Node.js, Express.js, MySQL, Sequelize, JWT, Nodemailer

Built role-based ERP for advertisement management including quotation, invoice, and notification modules.

Pupping - Pet Grooming Platform (May 2024 - July 2024)

Tech Stack: Node.js, Express.js, MongoDB, Mongoose, Twilio

Developed backend for booking and SMS alerts, led flow and architecture planning.

Real-Time Video Chat Application (Apr 2024 - May 2024)

Tech Stack: ReactJS, WebRTC, Socket.IO

Optimized signaling and connection logic, reducing latency by 25%.

Education

B.Tech in Computer Science & Engineering

CT University, Ludhiana (Sept 2020 - Dec 2024)

CGPA: 7.51 / 10

Certifications

- Java Full Stack Development - Naresh i Technologies (**Jan 2024 - Jun 2024**)
- Git for Beginners - Udemy (**Jun 2025**)
- Geo Data Sharing & Cyber Security - Indian Institute of Remote Sensing (IIRS) & ISRO (**Dec 2024**)
- Postman API Fundamentals Student Expert - Postman (**Nov 2024**)

Soft Skills

Problem Solving, Leadership, Team Collaboration, Effective Communication, Adaptability