

# PANKAJ KUMAR SINGH

Software Engineer | MERN Stack Developer | Java Developer

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## Objective

Aspiring Software Developer with expertise in Java, MERN Stack, and RESTful APIs. Focused on building scalable applications and solving complex backend challenges. Driven to deliver user-centric solutions while contributing to a high-growth development team

## Education

### B.Tech in Computer Science Engineering

Babu Banaradi Das University, Lucknow

Graduated: 2026

CGPA: 8.44 / 10

### Secondary Education

Mahamana Malviya Inter College, Varanasi

12th — 2021

Percentage: 74.4/100

### Primary Education

Mahamana Malviya Inter College, Varanasi

10th — 2019

Percentage: 81/100

## Internship Experience

### Java Intern

Junior Software Developer At Native Softtech(Remote)

1 February 2025 – 1 April 2025

Tools Used: Java, OOps, DataBase

Developed and maintained Java-based backend modules using core Java and OOP principles, ensuring clean, reusable, and maintainable code.

Designed and implemented RESTful APIs using Java and Spring Boot to handle business logic, data, database interactions.

Worked with relational databases using SQL and JDBC/Hibernate to perform CRUD operations and optimize query.

### Web Developer Intern

Native Soft Tech (Remote)

10 September 2025 – 10 November 2025

Tools Used: HTML, CSS, JavaScript, React.js, Node.js

Developed responsive and user-friendly web interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and performance optimization.

Built and integrated dynamic frontend components with RESTful APIs using React.js and Node.js to support real-world business requirements.

Collaborated with designers and backend developers to debug issues, improve UI/UX, and deliver scalable web features.

## Projects

### Green Bazar Web Application | MERN Stack | [GreenBazar Live Link](#)

October 2025 – November 2025

- Built scalable backend modules using **Node.js**, **Express.js**, and **MongoDB**, supporting **50+ products**.
- Developed secure **RESTful APIs** with **Node.js** and **Express.js**, improving **API response time by 30%**.
- Implemented **JWT-based authentication** enforcing role-based access and blocking **100% unauthorized access**.

### Lotus AI Virtual Assistant | MERN Stack | [Lotus Ai Live Link](#)

November 2025 – December 2025

- Developed an **AI-powered virtual assistant** using **NLP** and backend logic to handle **100+ user queries**.
- Integrated **5+ APIs** for command execution, automation, and **real-time responses**.
- Optimized **error handling and control flow**, improving response **accuracy by 25%** and system reliability.

## Skills

**Programming:** Java, Data Structures and Algorithms, Object-Oriented Programming, JavaScript, HTML, CSS

**Framework:** React.js, Node.js, Express.js, Tailwind CSS, Bootstrap

**Database:** MongoDB, MongoDB Atlas, SQL,

**Developer tools and Version Control:** Github, Git, Vs Code, Eclipse, Cloudinary, Netlify, Vercel, Render

## Awards & Certifications

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- **Java with DSA – PW Skills (2025):** Gained hands-on experience in core Java, data structures, and algorithms through practical problem-solving and real-world coding exercises.
- **System Design Workshop – PW Skills (2026):** Learned fundamentals of scalable system design, including requirement analysis, high-level architecture, and component interaction.
- **Mern Stack Web Development – Grastech (2025):** Gained hands-on experience in building full-stack web applications using MongoDB, Express.js, React.js, and Node.js.
- **MongoDB – MongoDB (2025):** Learned NoSQL data modeling, CRUD operations, indexing, and performance optimization for real-world applications.
- **Soft Skills Training – Lernovate Enterprises (2025):** Enhanced professional communication, teamwork, time management, and workplace etiquette through practical activities.