

# NEHA RAI

Web Developer | Java Enthusiast | AI/ML Learner  
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## PROFESSIONAL SUMMARY

Computer Science student with hands-on experience in full-stack web development, Java programming, and machine learning projects. Proficient in building scalable applications using Java, Spring Boot and MySQL. Demonstrated expertise in developing REST APIs, implementing MVC architecture, and creating AI-powered healthcare solutions. Passionate about solving real-world problems through innovative technology and continuously expanding technical expertise.

## EDUCATION

Indira College of Engineering and Management, Pune, India | 2021 – 2025 | SGPA: 7.9/10

10th - Elegant IF School (2019) : 69 %

12<sup>th</sup> Savitribai Phule Junior College (2021) : 87%

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript  
Postman

**Database Technologies:** MySQL, JDBC

**Frameworks & Libraries:** Spring Boot

**Tools & Platforms:** Git, GitHub, Maven, IntelliJ,

**Web Technologies:** HTML, CSS, REST APIs

**Core Concepts:** OOP, MVC, CRUD

## PROJECTS

### PCOS Detection System

- Built Convolutional Neural Network model for medical diagnosis of Polycystic Ovary Syndrome using image data
- Implemented data preprocessing pipeline and feature engineering for improved model accuracy
- Developed user-friendly web interface for real-time diagnosis and medical image analysis.

### Full-Stack Blog Platform | Spring Boot, React, MySQL, REST APIs, Java, Spring Security

- Designed and developed complete blogging platform with secure user authentication and authorization
- Built RESTful APIs following MVC architecture with CRUD operations for content management
- Implemented Spring Security for secure login and registration functionality
- Created responsive frontend using React and Tailwind CSS for optimal user experience

### Portfolio Website | React, Tailwind CSS, JavaScript, HTML, CSS

- Developed responsive personal portfolio showcasing technical projects and professional experience
- Implemented smooth scroll animations, modular React components, and modern UI/UX design principles
- Deployed interactive web application with optimized performance and cross-browser compatibility

## PROFESSIONAL EXPERIENCE

### Web Development Intern

2024 Oasis Infobyte | Remote

Developed multiple responsive web projects including calculator website and tribute page using HTML, CSS, and JavaScript

Gained practical experience in frontend development, responsive design principles, and project deployment

