# DEEPANSHU VERMA

## Software Engineer

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## SUMMARY

Passionate Full Stack Developer with strong expertise in Java, Spring Boot, React.js, Next.js, and MongoDB, dedicated to building high-performance, scalable, and innovative web applications. Adept at leveraging modern technologies to solve complex problems and deliver seamless user experiences. Continuously exploring cutting-edge trends in software development to stay ahead of the curve. Eager to take on challenging projects that drive business growth while expanding my technical expertise in AI and advanced full-stack development.

## SKILLS

| Core Java | Advanced Java | JavaScript | SQL | HTML |
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| JSP (Java Server Pages) | Java Servlet | Spring MVC |
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| Spring Boot | Spring AI | React JS | Next JS | Node JS |
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| MongoDB | MySQL |
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| VS Code | Eclipse | GitHub | Jira | Postman |
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## EXPERIENCE

### System Engineer (Full Stack Developer)

**TATA Consultancy Services**

📅 10/2022 - 04/2023

An Indian multinational information technology services and consulting company.

- Contributed to full-stack development of enterprise applications using Java, Spring Boot, JSP, and JavaScript, resulting in 30% faster load times and improved system scalability.
- Participated in end-to-end SDLC activities and solved critical bugs through root-cause analysis, reducing production issues by 40% and enhancing user experience.

### Project Engineer (Backend Developer)

**Wipro Technologies Pvt Ltd**

📅 11/2020 - 10/2022

An Indian multinational corporation that provides information technology, consulting, and business process services.

- Contributed to backend development of RESTful APIs for banking applications using Java and Spring Boot, improving API response times by up to 35% through query optimization and caching.
- Resolved security vulnerabilities flagged in Veracode scans and supported client projects like Citi Bank's CSC, ensuring compliance and reducing system errors by 40%.

## EDUCATION

### B.E. in Computer Science Engineering

**Global Nature Care Sangathan's Group of Institutions**

📅 08/2016 - 06/2020 📍 Jabalpur

## PROJECTS

### GIA - Spectrum Application (TCS Client Project)

A Gemological Institute of America (GIA) project that analyzes visible absorption spectra of diamonds and gemstones to identify treatments, synthetics, and natural origins. The application aids gemologists in certification and research by processing spectral data and generating reports.

- Technologies: Java, Spring Boot, JSP, JavaScript (frontend validation), Git/GitHub.
- Developed and maintained backend services in Java/Spring Boot to process and analyze spectral data for gemstone identification.
- Designed and optimized JSP-based frontend with JavaScript validation.
- Collaborated with gemologists and researchers to implement business logic for diamond-type classification.
- Applied spectral data processing algorithms to distinguish between diamonds.
- Used Git/GitHub for version control and followed Agile methodologies for iterative development.
- Debugged and addressed critical issues in both backend (Java/Spring Boot) and frontend (JSP/JS) components.
- Ensured code quality by writing unit tests and addressing vulnerabilities during security scans.

### Citi Bank - CSC API (Wipro Client Project)

Client Service Center is a backend system created to manage comprehensive project details and employee information for Citi Bank client projects. The system streamlines operations by automating workflows, ensuring data accuracy, and providing secure APIs for seamless integration with other banking modules.

- Technologies: Java, Spring Boot, REST APIs, MongoDB.
- Built and maintained scalable RESTful APIs with Java/Spring Boot for managing project and employee data at Citi Bank.
- Collaborated with cross-functional teams and clients to deliver scalable and secure backend solutions aligned with business requirements.
- Linked APIs with database systems for efficient data retrieval and storage, improving system reliability.
- Conducted debugging, testing, and issue resolution, including security fixes.
- Used Git/GitHub for version control and followed Agile methodologies for iterative development.
- Ensured adherence to Citi Bank's security and compliance protocols while developing and maintaining backend services.

# EDUCATION

## Higher Secondary
**Symbiosis Hr. Sec School**
📅 04/2014 - 03/2016

## Secondary School
**St. Xavier's High School**
📅 04/2012 - 03/2014

# CERTIFICATION

**C, C++, Core Java, Advanced Java**
Certificates in C, C++, Core Java, Advanced Java from TCS iON.

**React JS**
Certificate in React JS from Wipro.

**Hackathon 2018**
Participation in Hackathon 2018 - Global Nature Care Sangathan.

# TRAININGS

**C programming language - TCS iON**

**Java (core + advanced) - TCS iON**

**Profound academy Pune - Vocational training.**

**Wipro Tech - Java J2ee.**

**Wipro Tech - FED React JS**

# LANGUAGES

**English**
Proficient
●●●●○

**Hindi**
Native
●●●●●

# FIND ME ONLINE

**LinkedIn**
www.linkedin.com/in/deepanshu-verma-299405195

**GitHub**
www.github.com/deepanshu1531

**Portfolio**
https://deepanshu1531.github.io/portfolio

**WhatsApp**
9131283011

# PROJECTS

## Issue Tracking Application (Wipro - FED training capstone project)
A tool for managing software issues.
- Created an issue tracking application allowing users to manage issues with a React-based UI.

## Image Slider (Wipro - Microsoft project)
An image slider component implementation.
- Engineered a custom React component to display images dynamically using async API calls.

## Friday AI (Personal Project)
Full Stack Developer for a personal AI assistant application.
- Built a feature-rich web assistant combining artificial intelligence and a real-time 3D avatar to enhance user interaction.
- Implemented voice input/output and model switching functionality.
- Secure user authentication using JWT.

## MyBrowser-Editor (Personal Project)
React.js web application that offers an integrated environment for rich text note-taking and Java code editing. It leverages the Monaco Editor for a powerful and responsive Java coding experience.
- Rich text editing with styling and formatting options.
- Real-time word and character count.
- Theme toggling (light/dark mode).
- Seamless Java code editing with syntax highlighting.

## Billbook (Personal Project)
A web application for managing a jewellery shop.
- Automated the management of customer and sales data via a custom web application built on Google Apps Script and React JS.

## Eisteddfod (Personal Project)
An educational platform aimed at providing learning resources.
- Built a full-stack educational web application.