

# DEEPAK KUMAR SINGH

## Senior Full-Stack Software Engineer

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### SUMMARY

I am a results-driven Java Developer with over 9 years of experience in developing secure and scalable web applications and enterprise systems. I specialize in Java, Spring Boot, and cloud technologies, with a strong focus on performance optimization, system integration, and team leadership. My background includes managing complex projects and delivering high-quality software that meets client needs

### EXPERIENCE

#### Senior Full-Stack Software Engineer

##### INTECH Creative Services Private Limited

08/2025 - Present   Pune

A company specializing in providing creative solutions and services

- Designed and maintained a monolithic Yard Management System (YMS) with multilingual support, enabling seamless global logistics operations
- Optimized backend performance using Java and Spring Boot, improving response times by 30% under heavy logistics workloads
- Led backend refactoring initiatives to prepare for a microservices architecture, improving system scalability and maintainability
- Collaborated with cross-functional teams to align features with business goals and global user requirements, ensuring 100% on-time delivery
- Planned transition to microservices, including service decomposition, API design, and containerized deployment using Docker and Kubernetes
- Ensured robust regional support by customizing workflows, database schemas, and user interfaces for geographical differences

#### Implementation Manager - Enterprise | Systems Analyst | Senior Programmer

##### Complinty Technology Pvt Ltd (GRC Solutions)

07/2022 - 06/2025   Gurgaon

A technology company focused on compliance and regulatory solutions

- Designed and developed scalable web applications using Java, Spring Boot, and Angular, improving system performance by 30%
- Automated legal updates using J Soup, reducing manual effort by 50% and improving compliance tracking
- Optimized user experience by refactoring legacy UI components into reusable React components, increasing user satisfaction by 25%
- Managed enterprise-level implementations, reducing client onboarding time by 20% through efficient deployment plans
- Conducted vulnerability assessments for 10+ projects, identifying and mitigating critical IT risks, improving system security compliance

#### Java Developer - Team Lead

##### Tashee Linux Services Pvt + National Informatics Centre

05/2022 - 07/2022   New Delhi

A provider of technology services with a focus on government projects

- Developed critical portals (Fancy Number Portal & Vahaan Portal) for the Ministry of Road Transport and Highways, ensuring 99.9% uptime
- Authored and maintained Software Requirements Specification (SRS) documents, aligning business requirements with technical specifications
- Conducted stakeholder interviews and workshops to gather and analyze requirements, ensuring 100% alignment with government standards

#### Analyst Management Trainee

##### Quality Council of India

02/2021 - 03/2022   New Delhi

An organization that oversees quality standards in various sectors

- Managed ERP implementation(SAP) and IT projects, reducing project delivery time by 15% through optimized workflows
- Analyzed performance indicators for Swachh Survekshan 2021, providing actionable insights that improved city sanitation KPIs by 20%
- Generated insights and reports for stakeholders, summarizing key findings and recommendations for urban sanitation strategies

### KEY ACHIEVEMENTS



#### Performance Enhancements

Enhanced system performance by {30%}, resulting in a cost saving of {\$500,000} across {5} projects.



#### Government Project Success

Led successful implementation of complex systems for government agencies, ensuring compliance and usability standards were met



#### Team Leadership

Consistently improved team productivity and satisfaction through effective leadership and mentoring

### SKILLS

API Design

AWS

Core Java

CSS

Cybersecurity

AI/ML strategy

Prompt Engineering

Credit-Scoring Models

Risk Modeling

Feature Engineering

AI

ML

Python

Docker

ERP

Git

GitHub

ISO 27001

CMMI

SpringBoot

Jenkins

Terraform

Kubernetes

Linux

LMS

MongoDB

Microsoft Power BI

Next.js

Postman

React

Redis

REST

SAP

SDLC

SQL

Project Documentation

Node.js

VPS

Microservices

Angular

### PERSONAL PROJECTS

#### College Website with LMS and EMS Portals

01/2025 - 06/2025

A college website that incorporates learning management systems and enrollment management systems

- Designed and developed a responsive college website integrated with LMS and EMS functionalities
- Built modular React components and integrated secure authentication flows
- Deployed the solution on VPS cloud, ensuring scalability and fault tolerance

## EXPERIENCE

### Software Engineer

#### Nav Info Tech

06/2015 - 06/2020 Bhopal

A software development company that provides technology solutions

- Developed and documented SRS for AI-based projects, ensuring compliance with government standards
- Improved coding efficiency by {30%} through conducting Java training for {50} freshers, enhancing web development skills.
- Created foundational web applications using Java Server Pages (JSP) and introduced Spring Boot for building APIs

## EDUCATION

### Online MBA

#### Amity University

06/2023 - 12/2025 Varanasi

### Bachelor of Technology

#### Manipal Institute of Technology

07/2011 - 06/2015 Karnataka

### Class 12

#### Kendriya Vidyalaya DLW

05/2009 - 05/2010 Varanasi, Uttar Pradesh

### Class 10

#### St. John's School

05/2007 - 05/2008 Marhauili, Varanasi, Uttar Pradesh

## PERSONAL PROJECTS

### AI-Based Credit Scoring Analysis

07/2024 - 06/2025

A project that involved analyzing and visualizing credit scoring data using AI methodologies

- Analyzed AI-driven credit scoring models and compared them against traditional methods
- Visualized results through Power BI dashboards, providing actionable insights for stakeholders
- Integrated scoring results into a React dashboard prototype, using dynamic data visualizations

### Solar Farms - Agentic AI

Present

Created AI prototype with Python, Mistral LLM to analyze solar/grid data for power distribution.

Implemented AI feedback loop for real-time energy optimization.

Developed Streamlit dashboard for data analysis and energy decisions.

## AWARDS



**National Science Olympiad - Science Olympiad Foundation - AIR 1 (2006)**



**National Cyber Olympiad - AIR 239 (2007)**