

# Nikhil Srivastava

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## PROFESSIONAL SUMMARY

Passionate Java Full-Stack Developer with strong expertise in building scalable web applications using Spring Boot, Hibernate/JPA, and React JS. Proficient in object-oriented programming, RESTful API development, and database integration with MySQL. Experienced in implementing MVC architecture, CRUD operations, and data structures for problem-solving. Recently completed MCA with hands-on training in enterprise Java technologies. Eager to contribute technical skills and innovative solutions as an Entry-Level Java Developer or Full-Stack Engineer in a dynamic software development environment.

## EDUCATION

### School of Management Sciences, Varanasi

*Master of Computer Applications (MCA) in Computer Science*

September 2023 – May 2025

### Mahatma Gandhi Kashi Vidyapith (MGKVP), Varanasi

*Bachelor of Science in Mathematics*

## TECHNICAL SKILLS

**Programming Languages:** Core Java, Advanced Java, JavaScript, SQL, HTML5, CSS3

**Backend Frameworks:** Spring Boot, Spring MVC, Hibernate/JPA, REST APIs, Servlets, JDBC

**Frontend Technologies:** React JS, JavaScript, HTML, CSS, Responsive Web Design

**Database Systems:** MySQL, Oracle Database, SQL Query Optimization, Database Design

**Development Tools:** Eclipse IDE, Spring Tool Suite (STS), VS Code, Postman, Git, GitHub, Maven, Apache Tomcat

**Core Competencies:** Object-Oriented Programming, Data Structures (Arrays, Strings, Linked Lists, Trees, Graphs), Algorithms, MVC Architecture, RESTful Web Services, Exception Handling, Input Validation, API Integration, CRUD Operations

## TECHNICAL PROJECTS

### Full-Stack E-Commerce Web Application

December 2025 – Present

*Spring Boot, Hibernate/JPA, MySQL, React JS, REST APIs, Maven*

- Architected and developed a robust full-stack e-commerce platform with Spring Boot backend and React JS frontend, implementing secure RESTful API endpoints for seamless data exchange and real-time client-server communication
- Designed and implemented normalized MySQL database schema using Hibernate/JPA for ORM, managing complex relationships between users, products, categories, shopping carts, orders, and payments with referential integrity
- Built comprehensive business logic layer following Spring MVC layered architecture including user authentication and authorization, product catalog management with search and filtering, shopping cart functionality, order processing workflows, and payment integration
- Implemented enterprise-level features including centralized exception handling with custom error responses, server-side input validation using Bean Validation API, transaction management for data consistency, and RESTful best practices
- Developed responsive and interactive frontend interfaces using React JS with component-based architecture, state management using React Hooks, API integration with Axios, and dynamic routing for optimal user experience
- Utilized Maven for dependency management and project build automation, Git for version control, and Postman for API testing and documentation

### CRUD Web Applications with Servlets & JDBC

*Java Servlets, JDBC, MySQL, Apache Tomcat, HTML/CSS, JavaScript*

- Developed multiple enterprise-grade CRUD web applications demonstrating proficiency in Java Servlets for HTTP request-response lifecycle management and JDBC for direct database connectivity and SQL operations
- Implemented Model-View-Controller (MVC) design pattern to achieve clean separation of concerns between business logic, data access layer, and presentation layer, ensuring maintainable and scalable code architecture
- Configured and deployed applications on Apache Tomcat server with proper servlet mappings, implemented session management for user tracking, and optimized database connection pooling for enhanced performance
- Created user-friendly web interfaces using HTML, CSS, and JavaScript with client-side and server-side validation, error handling mechanisms, and user feedback for improved user experience and data integrity

## PROFESSIONAL TRAINING EXPERIENCE

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### Java Full-Stack Developer Trainee

*QSpiders - Software Development Training Institute*

August 2025 – Present

*Noida, Uttar Pradesh, India*

- Completed intensive 500+ hours of comprehensive training in Java Full-Stack Development covering Core Java fundamentals, Advanced Java concepts, Spring Framework ecosystem, and modern web development technologies
- Gained hands-on expertise in enterprise frameworks including Spring Boot for rapid application development, Spring MVC for web applications, Spring Data JPA with Hibernate for ORM, and RESTful web services design and implementation
- Mastered data structures including Arrays, Strings, Linked Lists, Stacks, Queues, Trees, Graphs, Hash Maps, and algorithm techniques including Sorting, Searching, Recursion, Dynamic Programming, and problem-solving patterns by solving 200+ coding challenges
- Developed proficiency in frontend technologies including HTML5 semantic markup, CSS3 with Flexbox and Grid layouts, JavaScript ES6+ features, DOM manipulation, asynchronous programming, and React JS for building dynamic single-page applications
- Practiced industry-standard development workflows including Git version control with branching strategies, collaborative development on GitHub, code review processes, Agile methodologies, and software testing best practices
- Built end-to-end applications demonstrating the complete software development lifecycle from requirements gathering and system design to implementation, testing, deployment, and maintenance

## CERTIFICATIONS & ADDITIONAL INFORMATION

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**Certifications:** Java Full-Stack Development Professional Certification (Expected: March 2026) - QSpiders

**Technical Strengths:** Problem-solving, Algorithm optimization, Code debugging, System design, API development

**Soft Skills:** Quick learner, Team collaboration, Strong analytical thinking, Attention to detail, Time management, Self-motivated

**Areas of Interest:** Backend Engineering, Full-Stack Development, Microservices Architecture, Cloud Technologies, DevOps

**Languages:** English, Hindi (Native)

**Availability:** Immediate — Open to relocation