

DEEPAK

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Aspiring **Java Developer and Frontend Developer** with hands-on internship experience in building responsive web and ecommerce applications. Strong foundation in **Java, OOP, JavaScript, HTML, CSS, and SQL** with practical exposure to full stack development. Skilled in developing scalable applications, managing databases, and creating user-friendly, responsive interfaces. Passionate about problem-solving and eager to contribute to real-world software solutions while continuously learning and growing in a dynamic organization.

SKILLS :

- **Programming :** Java, HTML, CSS, JavaScript, SQL(Basic)
- **Framework :** Spring Boot, React.js, Node.js, Bootstrap.
- **Tools :** MySQL, IntelliJ IDEA, VS Code, Excel, Power BI.

PROFESSIONAL EXPERIENCE :

1. Jspiders :

Java Full Stack Intern

Oct 2024 – Mar 2025. Bengaluru, Karnataka

- Developed dynamic web applications using **Core Java, JDBC, Servlets, HTML, CSS, and JavaScript**.
- Designed and optimized **SQL** queries for efficient database management and data retrieval.
- Implemented RESTful APIs and integrated frontend components with backend services.
- Collaborated with team members to debug, test, and enhance application performance.
- Followed Agile methodologies and best coding practices to ensure scalable and maintainable solutions.

2. Inventron Technologies:

Web Developer Intern

Aug 2023 –Oct 2023. Bengaluru, Karnataka

- Developed a scalable e-commerce platform for a fashion store.
- Contributed to full stack development tasks.
- Implemented product listing, cart, and checkout functionalities to enhance user experience and improve transaction flow.
- Integrated backend APIs and managed database operations to ensure efficient data storage, retrieval, and order processing.

PROJECTS :

1. SIGN LANGUAGE TO TEXT CONVERSION SYSTEM (Python & Machine Learning):

- Developed a real-time Sign Language to Text conversion system using CNN and OpenCV.
- Created and trained a custom ASL dataset, achieving 98% accuracy in gesture recognition.
- Implemented real-time hand gesture detection with automatic text output.
- Designed the solution to enhance communication accessibility for speech and hearing-impaired users.
- Applied image preprocessing techniques such as resizing, normalization, and background removal to improve.

2. PORTFOLIO WEBSITE (Front-end Project) :

Technologies: HTML5, CSS3, JavaScript, Bootstrap 5, Typed.js, Render.

- Designed and developed a responsive portfolio website using HTML, CSS, JavaScript, and Bootstrap to showcase technical skills and projects with modern glass-morphism UI.
- Implemented interactive elements including typed.js animations, smooth scroll effects, and mobile-first responsive design across all devices.
- Deployed on Render cloud platform with automated GitHub integration for continuous deployment.

3. ATM BANKING SYSTEM (Full Stack Project) :

Technologies: Java 17, Spring Boot 3, Spring Data JPA, Database, REST APIs, HTML/CSS/JS, Docker, Render.

- Developed a secure full-stack ATM application with login, balance check, deposit, withdrawal, and transaction history using Spring Boot and H2 database.
- Built RESTful APIs with business validation rules including minimum balance ₹100, maximum withdrawal ₹1,00,000, and proper error handling.
- Created responsive frontend with glass-morphism UI and deployed on Render using Docker containerization.

EDUCATION :

1. **B. Tech in Computer Science and Engineering**, Akshaya Institute of Technology, Tumkur, Karnataka, India (2020 – 2024)

Relevant Coursework: Java, Operating Systems, Data Structures and Algorithms, Discrete Mathematics.

2. **Science and Mathematics (XII)**, BGS PU College, Shivamogga, Karnataka, India. (2018 – 2020)

PROJECT LINKS:

Project	Live Demo
Portfolio Website	deepak-h-j-portfolio.onrender.com .
ATM Banking System	atm-banking-system-3ugv.onrender.com .