

Harsh Patil

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Professional Experience

Sify Technologies

Mumbai, Maharashtra

Software Engineer

July 2024 – July 2025

- Developed **RESTful APIs** using **Java** and **Spring Boot**, enabling seamless communication between the **Frontend** and **Backend** services, improving data processing speed by **25%**.
- Implemented dynamic and responsive **Frontend** features using **React.js**, **Next.js**, **Tailwind CSS** & **Typescript**, enhancing user engagement and satisfaction by **30%**.
- Implemented **authentication** and **authorization** using **Spring Security** enhancing application security.
- Diagnosed and resolved complex bugs, enhancing application stability by **20%** and reducing downtime.
- Maintained client websites and implemented requested changes, increasing client satisfaction scores by **10%**.
- Authored documentation for client website functionalities and backend processes, ensuring better understanding and future maintainability.
- Collaborated with cross-functional teams to deliver features **15%** faster, aligning with client needs and business objectives.
- Utilized version control tools like **Git** and **GitHub** to maintain code integrity and streamline collaborative workflows.

Sify Technologies

Mumbai, Maharashtra

Engineer Trainee

January 2024 – July 2024

- Acquired foundational expertise in web development, mastering core technologies including **JavaScript**, **Java**, **React.js**, **Spring**, **Spring Boot** and version control with **Git**.
- Worked on internal mini-projects and small tasks to apply **RESTful API development**, and Responsive UI design.

Technical Skills

Languages: Java, JavaScript, Typescript, SQL, HTML, CSS

Frameworks/Libraries: Spring, Spring Boot, Spring Security, Hibernate, React.js, Next.js, Tailwind CSS, Express

Databases: MySQL, MongoDB, PostgreSQL

Developer Tools: Git, GitHub, Postman, VS Code, Eclipse, MySQL Workbench, XAMPP, MongoDB Compass

Cloud & DevOps: Azure, AWS, REST APIs, CI/CD, Linux

Projects

Moments | *React, Tailwind CSS, Spring Boot, Spring Security, MySQL, Web Socket* February 2025 – June 2025

- Architecting a feature-rich full stack social media platform with a seamless user interface optimized for responsiveness and real-time interaction.
- Implemented JWT-based authentication and Role-Based Access Control (RBAC), securing 100% of API endpoints and mitigating unauthorized access risks.
- Developed RESTful APIs with Spring Boot & Spring JPA, reducing query execution time by 25% through indexing and performance tuning.
- Enhanced real-time user engagement with optimized API response times under 100ms, ensuring smooth interactions for likes, comments, and shares.

Quick Bites | *React, Tailwind CSS, Spring Boot, Spring Security, MongoDB, Razorpay, AWS* June 2025 – Present

- Engineering a scalable, high-performance full stack food delivery application using Microservices architecture, designed to handle real-time order processing and high user concurrency.
- Integrating Razorpay for seamless digital transactions, reducing payment failure rates by 30% through API enhancements and retry mechanisms.
- Designed an efficient backend with RESTful APIs, optimizing database queries by 25% and cutting response times to less than 100ms.
- Built a responsive and interactive front-end UI as part of a full stack application using React & Tailwind CSS, reducing page load times by 40% and improving user retention.

Education

Dr. D. Y. Patil Institute of Engineering, Management And Research

July 2020 - June 2024

Bachelor of Engineering in Computer Science; CGPA: 8.79

Pune, Maharashtra