Harsh Patil

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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*

Technical Skills

Languages: Java, JavaScript, C++, SQL, HTML, CSS
Frameworks/Libraries: Spring Boot, Spring Security, Hibernate, React, Tailwind CSS, Bootstrap, JUnit
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, Windows, Linux

Technical Projects

Moments | *React, Tailwind CSS, Spring Boot, Spring Security, MySQL, Web Socket* February 2025 – Present
- 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* April 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.

Professional Experience

Sify Technologies Mumbai, Maharashtra
Cloud Engineer *July 2024 – Present*
- Automated and optimized infrastructure across 100+ servers and 5000+ endpoints on Azure, boosting scalability and reducing manual configurations by 40%.
- Led the resolution of a 2-month backlog of critical activities, accelerating project timelines by 3x, completing in 1 month instead of 3.
- Improved deployment efficiency and reliability by 20% through collaboration with cross-functional teams and strategic planning with clients.
- Prevented 100+ hours of downtime by resolving critical production issues and managing identity access via Active Directory, Intune, and Entra.

Sify Technologies Mumbai, Maharashtra
Engineer Trainee *February 2024 – July 2024*
- Acquired foundational expertise in cloud computing, networking, and security with a hands-on understanding of cloud architecture, network protocols, and firewall configurations.
- Supported ITIL-based incident workflows for resolving infrastructure issues, assisting in resolving cloud infrastructure issues in a structured workflow.