

Mayurkumar Patel

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GitHub: github.com/Champagnepappi18 | LinkedIn: linkedin.com/in/mayurpatel1803

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Technologies & Tools: React, React.js, Bootstrap, Spring Boot, MySQL, MongoDB, REST APIs, Docker, Git, IntelliJ, VS Code

Work Experience

Cleveland State University Jan 2021 - Dec 2024 **Lead Mobile Supervisor**

- Lead a team to ensure efficient daily parking operations, boosting citation rates by 25%.
- Mentor new team members, enhancing skills and improving team performance.
- Coordinate campus event parking, optimizing space and managing traffic effectively.
- Address customer concerns promptly, ensuring high satisfaction and a positive experience.

Gold Cinema, Anand June 2024 - August 2024 **Web Developer (Remote)**

- Resolved website load maintenance issues, improving system accuracy by 40%.
- Optimized website functionality, driving over 30% of ticket sales through online channels.
- Implemented performance monitoring tools to enhance website responsiveness under high traffic.
- Conducted rigorous testing and debugging, reducing downtime, and ensuring a seamless user experience.

Education

Bachelor's in Computer Science and Engineering

Jan 2021- Dec 2024

Cleveland State University

Relevant Coursework: Object Oriented Programming, Databases, Discrete Math, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Artificial Intelligence

Project Work

1. Banking Website: Developed a consumer banking application using React, HTML, CSS and Spring Boot for user profile management, account overview, and transaction handling.

- Implemented credit card and loan application systems with real-time approval feedback and secure data handling.
- Integrated frontend and backend using RESTful APIs, ensuring smooth communication between the systems.
- Enhanced security by implementing HTTPS and data encryption to protect sensitive user information.
- Optimized application performance by reducing API response times and improving data fetching efficiency.

2. NASA's Psyche game development: Developing Virtual Reality (VR) software that allows users to explore the surface of Mars, providing an immersive and interactive experience.

- Designing an intuitive interface to enable users to gather valuable scientific data and information while navigating the Martian landscape in real-time.
- Incorporating accurate Mars terrain and environmental data to enhance the realism and educational value of the VR experience, using high-resolution maps and imagery from NASA's databases.

Awards and Certificates

- Microsoft Tools Certificate – Completed through LinkedIn, demonstrating proficiency in key Microsoft Office tools to enhance productivity and collaboration.
- Honored by the BAPS organization in India for exceptional contributions to community welfare through various initiatives.

Leadership and Volunteer work

- Mentor at Gyan Academy – Guided students in problem-solving techniques and academic improvement, fostering their confidence and enhancing overall performance.
- Blood Donation Camps – Successfully organized multiple blood donation camps across the city, achieving the highest recorded blood collection, significantly supporting local healthcare initiatives