

# Harsh Shrivastava

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## PROFESSIONAL SUMMARY:

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Software developer with 3 years of experience specializing in MERN stack and building scalable, accessible applications using micro-frontend architecture. Proven track record of increasing client engagement and enhancing accessibility compliance.

## TECHNICAL SKILLS:

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- **Frontend:** JavaScript, TypeScript, React.js, Redux, HTML5, CSS3, SCSS, NVDA
- **Backend:** Node.js, Express.js, MongoDB
- **Cloud:** Azure
- **Testing:** Jest
- **DevOps:** Docker, Jenkins, Rancher, Splunk, Webpack, Gulp, Jira

## PROFESSIONAL EXPERIENCE:

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**Employer: Wipro Technologies**

[April 2022 – Present]

❖ **Project: Access Online**

**Role: ReactJS Developer** | Client: US Bank

Developing a banking experience for client's business needs, focusing on enhancing the user experience, accessibility, and performance by streamlining the transaction module.

- Providing solutions for customer business needs in the transaction module under CPTS (corporate payment and treasury system).
- Migrating legacy applications to new React-based applications, progressively rolling out features for clients, and contributing to development, optimization, and enhancements resulted in an increase of 40% in client adoption of the latest application.
- Developed micro-frontend architecture to enhance team cohesion.
- Optimized architectural design, reducing page load times to 8-12 seconds and increasing SEO effectiveness.
- Employing Redux for state management ensures application stability and efficient data flow.
- Achieved significant accessibility improvements by ensuring WCAG 2.1 standard compliance accessibility guidelines and a11y testing.
- Contributed to design review and provided inputs to design recommendations.
- Implemented component-level testing using Jest to ensure code reliability and maintainability.

❖ **Project: Career Metaverse**

**Role: Full Stack Developer**

Developed a platform designed to streamline employee performance management. This improves employee-mentor relationships within the organization, enabling employees to manage their career progress and providing opportunities to apply for client projects.

- Developed the Employee Module, enabling employees to manage their career progress (skills, certifications, and training).
- Designed and developed server-side applications and RESTful APIs using Node.js and Express.js.
- Implemented Chart.js for data visualization to monitor employee progress cards.

- Integrated Sentry for real-time application monitoring to capture and track errors, ensuring sensitive information remains protected from client-side exposure.
- Utilized Gulp, NPM, and React.js for efficient client-side application development.
- Enabled employees to explore and apply for project opportunities within the organization.
- Employed Mongoose for seamless data extraction and manipulation, including database operations.
- Ensured API integration with Frontend using Axios, improving performance and user experience.

## **EDUCATION:**

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### **Medi-Caps University**

Bachelor of Technology, Electrical and Electronics Engineering, CGPA: 8.16/10

## **PERSONAL PROJECTS:**

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### **AI SCSS Chatbot:**

A full-stack AI chatbot built using the MERN stack (MongoDB, Express, React, and Node.js). It uses an OpenAI open-source API leveraging NLP (Natural language processing) to understand and respond to user inputs. The chatbot features user authentication and authorization using JSON Web Tokens (JWT). [GitHub](#)

## **ACHIEVEMENT & RECOGNITION:**

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- Received the Victory League Award for outstanding contributions to the Career Metaverse project.