Vishakha Vishnu Roman

Lead Software Engineer

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PROFILE

Experienced Frontend Developer with 3.5 years of hands-on expertise in building scalable and responsive web applications. Proficient in HTML, CSS, JavaScript, and React.js, with a strong ability to design, implement, and deploy web solutions that meet business goals. Skilled in developing clean, maintainable code, optimizing user experience (UX), and collaborating in cross-functional teams. Adept at using modern web technologies, frameworks, and tools to drive innovation, increase efficiency, and deliver high-quality, production-ready solutions. Passionate about continuous learning and staying up-to-date with emerging trends in frontend development.

PROFESSIONAL EXPERIENCE

January 2025 - Current
Lead Software Engineer
- Built and optimized the **Access Risk Control module**, allowing enterprises to detect and mitigate **SoD (Segregation of Duties)** risks in real-time.
- Integrated **dynamic rule engine** to evaluate access risk violations across roles, systems, and users.

January 2024- January 2025
Senior Software Engineer - Persistent Systems
- Debugged and enhanced the **frontend code** for the **Access Risk Control (ARC)** project, aligning the application with **project requirements** and **accessibility standards** across multiple development teams.
- Developed an innovative prototype for **IBM Security Verify Governance Identity Manager**, implementing key features such as **Manage Certification**, improving security and identity management processes.
- Delivered **Docker images** for **IBM Security Identity Manager**, optimized for deployment on **IBM Liberty Server** with **IBM DB2** integration, ensuring seamless operations and scalability.
- Gained hands-on expertise in **Identity and Access Management (IAM)**, contributing to security and compliance efforts across enterprise applications.
- Implemented and integrated **REST APIs** for data communication and application functionality.
- Integrated the **Entitlement Copy/Clone module** into the **Manage Certification** feature, enhancing user access management capabilities.
- Currently working on developing the **Access Risk Control UI** using **React.js** for an advanced **IAM** project, improving user experience and interface performance.

June 2022 - December 2023
Software Engineer - Persistent Systems
- Led the **reskinning** of the **IBM Identity Service Center (ISC)** application from **Dojo** to **Carbon CSS**, modernizing the UI and ensuring a more consistent and user-friendly design.
- Delivered the **reskinned ISC** application to customers, earning commendations for quality, speed, and user experience improvements.
- Contributed to the reskinning and modernization of the **IBM Security Identity Manager (ISIM)** application, enhancing its usability and user interface.
- Worked on **internationalization (i18n)** and **RTL (right-to-left)** language support for the **Manage Certification** feature, ensuring global accessibility for diverse user bases.
- Deployed and tested applications on **micro-k8s** (Kubernetes), optimizing containerized deployment and scaling for cloud-native applications.

January 2022 - June 2022
Intern - Persistent Systems
- Completed a 6-month internship with a focus on **front-end web development**, gaining valuable experience working on high-impact projects.
- Built and maintained dynamic, responsive web applications using **HTML**, **CSS**, **JavaScript**, and **React.js**.
- Gained proficiency in key **React** concepts, including **state management**, **hooks**, and the **component lifecycle**.
- Collaborated with team members to improve **problem-solving** and **debugging skills**, delivering high-quality code and efficient solutions.

SKILLS

- Html, Css (scss), Javascript, React, Typescript, API- integration,Micro-K8s Deployment, Git, MySql, Jest, Cypress Testing

- IDE- Postman, Swagger, VS-Code, Eclipse, Travis Ci tool, GitHub, DB-Visualizer

- OS - Windows-10, Windows- 11, Linux

AWARDS

Top Talent FY2024   -2023 & 2024
Persistent Systems
Recognized for consistent **top-tier performance** and **exceptional contribution** to projects and teams, maintaining high standards of excellence across multiple projects over two years.

Bravo - Team Awards   -2022
Persistent Systems
Awarded the **Bravo Team Award** for outstanding teamwork, leadership, and successful project delivery in a high-pressure environment.

High Five -Individual Award -2022
Persistent Systems
Honored with the **High Five Individual Award** for exceptional dedication, delivering high-quality solutions, and exceeding project goals.

CERTIFICATES

- GEN-AI Foundation - GenAI-assisted Coding with Amazon CodeWhisperer (FY'2023)
- IBM Cloud Pak for Security Sales Foundation Badge
- Microsoft Certified: Azure Fundamentals AZ-900
- Verify Governance Technical Sales Intermediate Badge
- Introduction to IBM-Security Verify Badge

EXTRA CURICULLAR

- **Runner-Up** in the **She-Codes** category of the **Semicolons Global Hackathon** organized by **Persistent Systems**, demonstrating technical skills, innovation, and teamwork in a competitive environment.
- Contributed to the **Guinness World Record** for the **Largest Bicycle Logo/Image** as part of a team effort organized by **Persistent Systems**, highlighting collaboration and participation in a global record-breaking event.
- Actively participated in a **Running Marathon**, showcasing personal dedication, resilience, and commitment to physical fitness and well-being.