Srichandana Chakilam

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PROFESSIONAL SUMMARY

Computer Science Master's graduate with 4 years of industry experience in software and web development, and data analysis. Proficient in Java, Python, SQL, JavaScript, and Microsoft PowerBI. Skilled in API handling, Responsive Website Designing (RWD), implementing innovative application logic, and customer relationship building. Strong collaboration and problem-solving skills, with proven expertise in client-facing support, including Jira and ServiceNow ticket management.

PROFESSIONAL EXPERIENCE

Web Developer   Dec 2023 - May 2024
IU Eskenazi School of Art, Architecture + Design   *Bloomington, IN*
- Updated School's websites using **HTML**, and **JavaScript** on **Cascade CMS**, boosting content accuracy by 85%.
- Ensured accessibility across three websites and over 1,000 documents using Adobe Creative Suite, complying with IU's **ADA** Policy UA-02 and **WCAG** 2.0 Level A and AA criteria.
- Revamped legacy JavaScript code on the school's internal website using the modern JavaScript library **ReactJS**, leading to enhanced performance and user experience.
- Boosted **code reusability** by 40% through the development of 50+ ReactJS reusable components, empowering staff in managing forms, employee records, and documents.
- Collaborated in configuring and managing 20+ **RESTful** API endpoints using **NodeJS**, **ExpressJS**, and **MySQL** on Azure for seamless data operations, and administrative tasks on the internal website, catering to 50 employees.
- Developed a **Power BI** dashboard using Siteimprove scores, understanding customer interactivity and identifying areas for a 15% improvement in website accessibility across websites.

Technology Center Consultant   Aug 2023 - May 2024
Indiana University - UITS   *Bloomington, IN*
- Resolved **software** and **web-related issues** for clients of the Student Technology Centers, contributing to a 40% increase in overall client satisfaction and supporting more than 100 clients weekly.
- Assisted clients with various computing platforms, like Windows, macOS, iOS, and Android, contributing to a 98% service level agreement (**SLA**) and supporting more than 100 clients weekly.
- Reduced reported incidents on **ServiceNow** by 30% by performing extensive analyses leveraging Knowledge Bases of IU.
- **Trained junior team members**, enhancing their technical skills and improving the overall efficiency of the support team.

Application Development Analyst   Jun 2019 - Jun 2022
Accenture PLC   *Hyderabad, India*
- Configured and deployed 100+ advanced Power BI dashboards and Excel reports, leveraging **DAX** and **SQL** queries to manage **Microsoft**'s projects, labor hours, and revenue data stored in **SSRS** within Azure Data Cloud.
- Collaborated with cross-functional teams to configure and develop **RESTful** APIs and **Microservices** for real-time backend data updates using **Java**, **Spring Boot**, **Spring Data JPA**, and **Hibernate** to integrate with live Power BI dashboards.
- Incorporated **Docker** to containerize applications, improving deployment efficiency by 40% and ensuring consistent runtime environments across development, testing, and production stages.
- Minimized deployment time by 30% by implementing **Jenkins** pipelines, enabling CI/CD practices.
- Enhanced application stability by 20% by optimizing development processes with Test-Driven Development using **JUnit**.

PROJECTS

Learning Management System | *MySQL, Django, React, Git, Amazon EC2, Netlify*   Jan 2023 - May 2023
- Spearheaded the development of a comprehensive LMS incorporating role-specific dashboards, advanced search, chat, and assignment systems and securely integrated with **Google API OAuth**.
- Implemented unit testing for React components using **Jest**, ensuring robustness in the front-end functionality.

Job Searcher | *NodeJS, EJS, CSS3, Git, Render*   Sep 2023 - Oct 2023
- Leveraged the **Exa (Metaphor) API** and deployed a **NodeJS** web app on Render, dynamically displaying 10 relevant links to recent job openings, empowering users to customize their job search based on location preferences and job type.

EDUCATION

Indiana University (3.78/4)   Bloomington, United States
Master of Science in Computer Science   *Aug 2022 - May 2024*
GITAM University (8.96/10)   Visakhapatnam, India
Bachelor of Technology in Computer Science Engineering   *Jul 2015 - Apr 2019*

TECHNICAL SKILLS

Languages: Java, Python, SQL, DAX, C.
Web technologies: JavaScript, HTML5, CSS3, PHP, JSON, XML.
Frameworks and Libraries: NodeJS, ExpressJS, EJS, ReactJS, Redux, Spring Boot, Spring Framework, Hibernate, jQuery, Bootstrap, Django, MongoDB, Jest, JUnit.
Software Methodologies and OS: Agile, Scrum, Jira, Kanban, Windows, Linux, MacOS.
Cloud Technologies: AWS, Microsoft Azure (DevOps), Kubernetes.
Version controls, Tools, Programs: Git, Visual Studio, Jenkins, Postman, Docker, SSMS, Microsoft PowerBI, IntelliJ, Eclipse IDE, Microsoft Excel, Cascade WCMS, WordPress, ServiceNow, Adobe CS, Google Analytics.
Certifications: Microsoft Azure Fundamentals, Microsoft PowerBI Desktop.