

Srichandana Chakilam

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EDUCATION

Indiana University (3.75/4)

Master of Science in Computer Science

GITAM University (8.96/10)

Bachelor of Technology in Computer Science Engineering

Bloomington, United States

Aug 2022 - May 2024

Visakhapatnam, India

Jul 2015 - Apr 2019

EXPERIENCE

Web Developer

Dec 2023 - present

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 ADA compliance and accessibility for over 1000 documents using Adobe Creative Suite across 3 websites.
- 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 - Present

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.

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.
- Reduced reported incidents on **ServiceNow** by 30% by performing extensive data analysis using SQL queries in SSMS.
- Collaborated with cross-functional teams to configure and develop **RESTful** APIs for real-time backend data updates using **Java** and **Spring Boot**, seamlessly integrated with live Power BI dashboards.

Software Developer Intern

Apr 2018 - Jun 2018

Fountane Inc

Hyderabad, India

- Designed 23 visually appealing, user-friendly, responsive UI pages for the organization, employing web development technologies and frameworks such as **Bootstrap**, **JavaScript**, **HTML**, and **CSS**.
- Integrated custom responsive UI components and conducted optimization efforts on designed web pages, achieving a 30% improvement in user experience.

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.

Portfolio Website | *React, CSS3, Git, Netlify*

May 2023 - Present

- Programmed and launched a mobile-responsive portfolio, enabling the **EmailJS API** for user-initiated contact.
- Implemented **CI/CD** pipelines using Netlify for seamless updates, resulting in a 35% enhancement in cross-device user experience.

TECHNICAL SKILLS

Languages: Python, Java, SQL, DAX, C.

Web technologies : JavaScript, HTML5, CSS3, PHP, JSON, XML.

Frameworks and Libraries: NodeJS, ExpressJS, ReactJS, jQuery, Bootstrap, Spring Boot, Django, MongoDB, Jest.

Software Methodologies and OS: Agile, Scrum, Jira, Kanban, Windows, Linux, MacOS.

Cloud Technologies: Amazon EC2, Microsoft Azure (DevOps).

Version controls, Tools, Programs: Git, Visual Studio, Postman, IntelliJ, Docker, SSMS, Microsoft PowerBI, Cascade WCMS, WordPress, ServiceNow, Adobe CS, Google Analytics.

Certifications: Microsoft Azure Fundamentals.