

# Srichandana Chakilam

[schakil@iu.edu](mailto:schakil@iu.edu) | +1(812)-778-5459 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

**Indiana University**, Bloomington, IN

GPA: 3.75

*Master of Science, Computer Science*

August 2022 – May 2024 (expected)

*Relevant Coursework: Applied Machine Learning, Software Engineering, Applied Algorithms, Computer Networks, Security for Networked Systems, Applied Distributed Systems, Social Media Mining, and Data Mining*

**GITAM (Deemed to be University)**, Visakhapatnam, India

GPA: 8.96

*Bachelor of Technology, Computer Science and Engineering*

July 2015 – May 2019

## PROFESSIONAL EXPERIENCE

**Indiana University, Eskenazi School of Art, Architecture + Design**

**Bloomington, IN**

*Web Development Intern*

December 2023 - Present

- Updated IU Eskenazi School's 3 sites with **HTML**, and **JavaScript** on Cascade CMS, boosting content accuracy by 25%.
- Ensured **ADA compliance** and **accessibility** for over 100 documents using **Adobe Creative Suite** across 3 websites.
- Reduced issue resolution time by 20% by optimizing technical support across Salesforce Marketing Cloud and MachForm.
- Enhanced website performance and user experience by leveraging **Google Analytics** within the CMS, maintaining a 90% compliance rate with established protocols.
- Developed a **PowerBI dashboard** using Siteimprove scores, understanding customer interactivity and identifying areas for a 15% improvement in website accessibility.

**Indiana University – Information & Technology Services**

**Bloomington, IN**

*Technology Center Consultant*

August 2023 - Present

- Resolved software and web-related issues of Student Technology Centers clients, boosting client satisfaction by 40%.
- Assisted clients across multiple platforms, maintaining a 98% SLA and supporting more than 100 clients weekly.

**Accenture PLC**

**Hyderabad, India**

*Application Development Analyst*

June 2019 - June 2022

- Collaborated with Microsoft, configuring 100+ advanced reports using **SQL** in **SSMS**, **Power BI**, and **Excel** for the Modern Analytics and Insights Portal extracting crucial insights on client engagements, projects, labor hours, and revenue.
- Developed and maintained an internal web application using **ReactJS** and **NodeJS** that displays user access requests for the MAI Portal, optimizing functionality and enhancing the overall user experience.
- Reduced reported incidents on **ServiceNow** by 30% by deploying **Role-based Access Control (RBAC)** for Microsoft Power BI dashboards and reports using SQL, enhancing data security.
- Redesigned an SQL database, regulating user roles and access rights for a user base exceeding 1000, ensuring data security without breaches.

**Fountane Inc**

**Hyderabad, India**

*Software Developer Intern*

April 2018 – June 2018

- Designed 23 visually appealing UI pages using **HTML**, **CSS**, **Bootstrap**, **JavaScript**, resulting in a 30% UX improvement.
- Integrated custom responsive UI components for optimization, further enhancing user experience.

## SKILLS

**Programming, and Database Languages:** Python, Java, C, SQL

**Web Technologies:** JavaScript, HTML5, CSS3, PHP.

**Frameworks and Libraries:** NodeJS, ExpressJS (REST API), ReactJS, Bootstrap, Spring Boot, Django, MongoDB, Jest.

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

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

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

**Certifications:** Microsoft Azure Fundamentals.

## PROJECTS

**Crimson Board | A Learning Management System** | [https://github.com/Chakilamchandana/django\\_lms](https://github.com/Chakilamchandana/django_lms)

- Spearheaded the development of a comprehensive Learning Management System using **Django REST framework** and **ReactJS**, incorporating role-specific dashboards, advanced search, chat, and assignment systems.
- Executed secure integration with **Google API OAuth**, managed **MySQL** on the **Azure Database service**, and deployed the system on Netlify and **Amazon EC2**, achieving a 60% increase in content retrieval and a 90% boost in user engagement.
- Implemented unit testing for React components using **Jest**, ensuring robustness and reliability in the application's front-end functionality.

**A Portfolio website** | <https://chandanaachakilam.netlify.app/>

- Programmed and launched a mobile-responsive portfolio website using **ReactJS** and **CSS3** on Netlify, enabling the **EmailJS API** for user-initiated contact, resulting in a 35% enhancement in cross-device user experience.

**EZ Job Searcher** | <https://recent-job-searcher.onrender.com/>

- 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.