

SRICHANDANA CHAKILAM

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EDUCATION

Indiana University, Bloomington, IN

GPA: 3.75

Master of Science, Computer Science

August 2022 – May 2024 (expected)

Coursework: Software Engineering, Applied Algorithms, Computer Networks, Security for Networked Systems, Social Media Mining, Data Mining, Applied Machine Learning, and Applied Secure Computing Systems.

GITAM (Deemed to be University), Visakhapatnam, India

GPA: 8.96

Bachelor of Technology, Computer Science and Engineering

July 2015 – May 2019

SKILLS

Programming, and Database Languages: Python, JavaScript, Java, C, C++, SQL, HTML5, CSS3, and MongoDB.

Frameworks and Libraries: NodeJS, ExpressJS, ReactJS, Bootstrap, Redux, Tailwind CSS, Django, Spring Boot and Spring MVC.

Version controls, Tools, and Programs: Git, Visual Studio, Docker, Jira, SSMS, Microsoft PowerBI, Cascade WCMS, WordPress, ServiceNow, CI/CD(DevOps), Agile, Adobe CS, and Google Analytics.

PROFESSIONAL EXPERIENCE

Web Support Intern – Part Time

Indiana University, Bloomington, IN

December 2023 - Present

- Executed website updates using HTML, CSS, and JavaScript, implementing changes across IU Eskenazi School's 3 sites, published using Hannon Hill's Cascade CMS, yielding a 25% increase in content accuracy and functionality.
- Enhanced accessibility for the school's 3 websites and more than 100 documents using Adobe Creative Suite, to ensure compliance with Indiana University's ADA Policy UA-02 and WCAG 2.0.
- Provided technical support across Salesforce Marketing Cloud and MachForm/Fireforms, achieving a 20% improvement in operational efficiency.
- Supervised website performance leveraging Google Analytics within the CMS, maintaining 99% compliance with established protocols, and promptly addressing web-related issues to enhance the user experience.

Technology Center Consultant – Part Time

Indiana University - UITS, Bloomington, IN

August 2023 - Present

- Resolved software and web-related issues for clients of the Student Technology Centers, contributing to a 40% increase in overall client satisfaction.
- 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.
- Maintained network connections for campus housing residents, guaranteeing reliable connectivity to the university network for a student population of more than 10000.

Application Development Analyst

Accenture, Hyderabad, India

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, thereby optimizing functionality and enhancing the overall user experience.
- Implemented Role-based Access Control (RBAC) for Microsoft Power BI dashboards and reports using SQL, resulting in a 30% decrease in reported incidents on ServiceNow.
- Managed an SQL database, regulating user roles and access rights for a user base exceeding 1000, ensuring data security with no breaches.

Software Developer Intern

Fountane Inc, Hyderabad, India

April 2018 – June 2018

- Coded 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 30% improvement in user experience.

PROJECTS

Crimson Board | A Learning Management System | https://github.com/Chakilamchandana/django_lms

- Led a team to develop a Learning Management System using Django REST framework and ReactJS, with role-specific dashboards, advanced search, chat, and assignment systems. Integrated Google API OAuth for enhanced security, and utilized MySQL for database management, achieving a 60% increase in content retrieval and a 90% boost in user engagement.

A Portfolio website | <https://chandanachakilam.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 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.