

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 Distributed 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, PHP.

Frameworks and Libraries: NodeJS, ExpressJS (REST API), ReactJS, Bootstrap, Redux, Tailwind CSS, Spring Boot, Spring MVC, Django, and MongoDB.

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

Cloud Technologies: Amazon EC2, and Microsoft Azure.

PROFESSIONAL EXPERIENCE

Web Support Intern – Part Time

Indiana University, Bloomington, IN

December 2023 - Present

- Executed website updates using HTML, CSS, JavaScript, and PHP, 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.
- Amplified accessibility for the school's 3 websites and more than 100 documents using Adobe Creative Suite, ensuring 100% compliance with Indiana University's ADA Policy UA-02 and WCAG 2.0.
- Achieved a 20% reduction in issue resolution time by streamlining technical support across Salesforce Marketing Cloud and MachForm/Fireforms.
- Directed website performance leveraging Google Analytics within the CMS, maintaining a 99% compliance rate with established protocols, and proactively 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.

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, optimizing functionality and enhancing the overall user experience.
- Decreased reported incidents on ServiceNow by 30% by deploying Role-based Access Control (RBAC) for Microsoft Power BI dashboards and reports using SQL.
- Redesigned 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

- 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

Crimson Board | A Learning Management System | 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.

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 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.