

SRICHANDANA CHAKILAM

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EDUCATION

Indiana University, Bloomington, IN

GPA: 3.683

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, and Applied Machine Learning.

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, SQL, HTML5, CSS3, and MongoDB.

Frameworks: NodeJS + ExpressJS, ReactJS, Bootstrap, and Django.

Version controls, Tools, and Programs: Git, Docker, Jira, SSMS, Microsoft Power BI, Cascade WCMS, and ServiceNow

PROFESSIONAL EXPERIENCE

Web Support Assistant – 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.
- 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 issues to enhance the user experience.

UTS Technology Center Consulting – Part Time

Indiana University, Bloomington, IN

August 2023 - Present

- Resolved technical 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, Android, contributing to a 98% service level agreement (SLA) and supporting more than 100 clients weekly.

Application Development Analyst

Accenture Solutions Private Limited, Hyderabad, India

June 2019 - June 2022

- Collaborated with Microsoft, configuring 100+ advanced reports using SQL in SSMS for the Modern Analytics and Insights portal extracting crucial insights on client engagements, projects, labor hours, and revenue.
- Enhanced company web applications by displaying user access requests for MAI portal using React.js and Node.js, optimizing functionality and user experience.
- Collaborated in supporting the created web pages managing access requests for reports and Power BI dashboards, tailored to specific user roles within Microsoft and its contractors.
- 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 Makerspace Private Limited, 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 5-member team in developing a Learning Management System using ReactJS, Django Rest Framework, and MySQL, integrating Google API OAuth for enhanced security.
- Implemented 3 role-specific dashboards, resulting in a 60% increase in efficient course management for instructors, students, and admins, and streamlining coursework management.
- Engineered an advanced search feature, outperforming 85% of learning management systems in content retrieval time and accuracy.
- Developed chat and assignment submission systems, boosting user engagement by 90%.

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

- Programmed and launched a mobile-responsive portfolio website using ReactJS and CSS on Netlify, resulting in an 35% enhancement in cross-device user experience, showcasing my skills, projects, and professional experience.
- Incorporated the EmailJS API to enable email notifications for user-initiated contact through the portfolio website.

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

- Leveraged the Metaphor API and created a web app on Render to dynamically retrieve and display 10 relevant links to recent job openings, empowering users to customize their job search based on location preferences and job type.