

NIRAJAN SANGRAULA

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EXPERIENCE

Software Engineering Intern

Jun 2023 – Present

DXC Technology, New Orleans, LA

- Designed and deployed scalable and reliable cloud infrastructure, leveraging Azure cloud services, resulting in a platform with 99.99% availability with optimized cost efficiency.
- Developed a generative AI-based rapid prototyping app, reducing design iteration time by 60% and accelerating development speed.
- Implemented CI/CD pipeline with proactive monitoring for alerting, reducing incident response time by 40% and ensuring smooth platform operations.
- Led an Agile team of Interns during sprint cycles, effectively using JIRA and Scrum methodologies to streamline project management and facilitate efficient collaboration.

Software Developer

Aug 2021 – June 2023

IBM Technology Louisiana Economic Development Grant, Monroe, LA

- Led projects through full SDLC, fostering cross-functional team collaboration, achieving a 20% rise in on-time project completion and minimizing project rework by 25% through Agile/Scrum implementation.
- Developed and delivered impactful web applications by regularly communicating project requirements, progress, and updates to stakeholders, keeping a high satisfaction rate in stakeholder feedback surveys.
- Collaborated cross-functionally, leading to a 25% reduction in project rework and a substantial boost in team productivity through Agile/Scrum implementation.

Technical Intern

Jun 2022 – Aug 2022

DXC Technology, New Orleans, LA

- Created impactful business and forecast dashboards using Power BI, supplying real-time insights for decision-making, resulting in a 30% increase in data-driven decision-making within the company.
- Automated data flow to dashboards, reducing manual effort by 80% and ensuring up-to-date information.
- Effectively collaborated with cross-functional teams, fostering a cohesive working environment, and facilitating seamless knowledge sharing and efficient project execution.

Undergraduate Teaching Assistant

Feb 2022 – Nov 2022

University of Louisiana Monroe, Department of Computer Science

- Pursued the role of a graduate student as a junior undergraduate, supporting the professor in conducting daily 2-hour lectures on an introduction to programming Python and Java class.
- Supplied guidelines and solutions for programming problems and cleared doubts about programming concepts.

EDUCATION & CERTIFICATIONS

- **University of Louisiana Monroe(ULM) – Monroe, Louisiana** Aug 2019 - Dec 2023
 - **Bachelor of Science – Computer Science with a minor in Mathematics**
- **AWS Cloud Practitioner Certification.** July 2023

PROJECTS

[Narrow URL](#)

A URL shortening application with real-time stats for URL clicks. Utilized **React**, **Nodejs**, **Aws Lambda**, **AWS S3**, **AWS Code pipeline**, **AWS Code Deploy** for CI/CD pipelines, and **Firebase** for Authentication.

[ACM ULM Chapter](#)

Full Stack Web application for ACM at ULM. created using **HTML**, **CSS**, **React**, **Django**, and **PostgreSQL**.

[Blue Collar](#)

A web application to find and post job applications created using **HTML**, **CSS**, **Bootstrap**, **Django**, and **PostgreSQL**.

SKILLS

Python, Java, JavaScript, HTML, CSS, YAML, React, Node.js, Express, Django, Flask, MySQL, MongoDB, PostgreSQL, Git, Linux, GitHub Actions, Azure DevOps, Docker, Azure cloud, AWS, Power BI, JIRA, Postman, Firebase.