NIRAJAN SANGRAULA

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EDUCATION

UNIVERSITY OF LOUISIANA MONROE   **Dec 2023**
Bachelor of Science – Computer Science (Honors) with a minor in **Mathematics.**

EXPERIENCE

IBM Louisiana Economic Development Grant   **Aug 2021 - Present**
Software Developer
- Actively involved in the analysis, definition, design, implementation, and deployment of the full software development Life Cycle(SDLC) of projects as a team leader.
- Implemented REST API using Django and developed a SQL database model and schema in MySQL for the app's backend and Bootstrap for designing, HTML5, CSS, React, and JavaScript for developing the presentation layer.
- Agile/SCRUM was used as the project management method.
- Worked on 2 projects alongside full-time study.

DXC Technology   **Jun 2022 – Aug 2022**
Technical Intern
- Collaboratively worked in an agile environment for testing, design, development, and deployment of a cloud-native application which reduce talent search time within the company by ~80%.
- Designed a microservice solution architecture, created business and forecast dashboards using Power BI, and embedded dashboards into a custom web application.
- Worked as Tech Lead/ Scrum Master in one of 4 sprints.
- Used Jira for user stories and Git for version control.

Department of CS, ULM   **Feb 2022 – Nov 2022**
Undergraduate Teaching Assistant
- Assumed Graduate Student role as Junior Undergrad to assist the professor in facilitating and mentoring daily 2-hour lectures on intro and intermediate programming Java & Python for ~25 Freshman & Sophomore.
- Collaborated with the instructor to design curriculum assignments relating to control structures, data structures, object-oriented design, etc.

SKILLS

- **Languages:** Java, JavaScript, Python
- **Front-end:** HTML, CSS, Bootstrap, Figma, React.js
- **Back-end:** Django, Node.js, Express.js, Gunicorn, Nginx
- **Databases:** MongoDB, MySQL, PostgreSQL, SQLite
- **OS Dev Environments:** Linux, Windows, macOS
- **Others:** Git, GitHub, Jira, Docker, Agile, AWS, Power BI, YAML

PROJECTS

Portfolio Website
- Designed and developed a personal portfolio website. Used React.js, CSS, and Bootstrap to create the frontend part, and used EmailJS for email service.
- Deployed in GitHub pages and implemented GitHub Actions for CI/CD.

Blue Collar
- An easy-to-use web application to find and post blue-collar jobs in a few steps.
- Used Django for apps backend, Docker for containerization, Gunicorn for HTTP server, and Nginx for Proxy Server.