

Sushovan Adhikari

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WORK EXPERIENCE

- Southeastern Louisiana University – Graduate Research Assistant**, Hammond LA Jan 2023 to Present
- Prepare machine learning models using supervised and deep neural networks(DNN) for various datasets.
 - Perform ETL on datasets using tools such as **pandas** and **PySpark**.
 - Create SQL **stored procedures** to save the processed data to the **PostgreSQL**.
- Foxconn (PCE Paragon) – Software Engineer**, Houston, TX Jan 2022 to Jan 2023
- Presented application developments to leadership team and led design sessions and pair programming to implement new features.
 - Developed and maintained **REST APIs** using **Django** to streamline integration with SAP, reducing order processing time by **15%**.
 - Created comprehensive task documentation including analysis, logic, and **wireframes**. Updated documentation to reflect changes, facilitating smooth handover and future maintenance.
 - Trained IT team on new application features, enabling efficient production support.
 - Designed and optimized DB functions for efficient retrieval of **JSON** data, reducing query response time by **15%**.
 - Use **JavaScript** and **jQuery** to make dynamic web pages combined with Django template language.
- Foxconn – Software Engineer**, Mt. Pleasant, WI Oct 2020 to Sept 2021
- Developed **Django** apps to enhance shop floor management, streamlining operations and increasing productivity by 25%.
 - Automated file transfers to **FTP** server using **Python** scripts, saving **15** hours monthly in manual tasks.
 - Created intuitive user-friendly **forms** for assembly line workers, reducing errors and improving data accuracy by **20%**.
 - Designed and implemented API integrations using Django and **JavaScript**, enabling seamless communication between systems.
 - Deployed applications using **Docker** on **Linux**, ensuring efficient resource management.
- 10 Bits – Software Developer Intern**, Irving, TX Mar 2020 to Oct 2020
- Implemented **RESTful** services for a product inventory management system using **Java Spring Boot**.
 - Integrated APIs with a **React** frontend application, ensuring seamless communication.
 - Developed modular service layers using Spring components.
 - Implemented **Material UI** to display the data's retrieved from the backend (Java Spring) for inventory management system.

SKILLS

- Programming: Python, JavaScript, SQL, Java, C#.
- Frontend: React, Angular, Bootstrap, HTML, CSS
- Backend: Django, Django Rest, ASP.NET Web API, Entity Framework, Java Web Services, Spring Boot, Microservices, Docker, Kafka
- Database: PostgreSQL, Oracle, MSSQL.
- Architectures: Microservices, Onion Architecture.
- ORM: Hibernate, Entity.
- Version Control: Git, Bitbucket.
- Cloud: AWS, GCP

EDUCATION

- Southeastern Louisiana University**, Hammond LA
- *Master of Science in Computer Science, Data Science Concentration; GPA: 3.8; 2022 – 2024 (Expected Dec)*
 - *Bachelor of Science in Computer Science; 2016 – 2019; GPA: 3.4*