JITENDRA SHARMA

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PROFILE

Experienced US healthcare data engineer with 2 years of proven expertise in analyzing HIPPA data, optimizing data pipelines and ensuring data accuracy using data analysis tools.
Seeking an internship/part time role for the summer of 2024 in the data engineering field.

EDUCATION

MIAMI UNIVERSITY, OXFORD OHIO
Master of Science, Computer Science   Aug 2023-Present
Thesis Topic: "Privacy Preservation in Federated Learning in IoT Systems"
Key Coursework: Model Driven Software Engineering, Knowledge Representation, Computer Science Research Methods

TRIBHUVAN UNIVERSITY, KATHMANDU, NEPAL
Bachelor's Degree in Computer Engineering   Nov 2015-Aug 2019
Dissertation/Project Title: "Products Classification and Price Comparison"
Key Coursework: Computer Programming, Data Structure and Algorithm, Database Management System, Data Mining, Big Data Technologies, Computer Network and Security, Information Systems

EXPERIENCE

MIAMI UNIVERSITY   Oxford, Ohio
Graduate Assistant   Aug 2023-Present
- Assisting Dr. Sevkli with an undergraduate course "Systems Programming," by evaluating papers
- Supporting 60 students by guiding them through C++ programming concepts, projects, and problems
- Using Differential Privacy to research "Privacy Preservation in Federated Learning in IoT Systems"

INSPRING LAB PVT. LTD.   Kathmandu, Nepal
Backend Developer   Mar 2023-Jun 2023
- Developer PL/pgSQL procedural scripts to perform data processing using Python calls
- Designed and developed RESTful APIs using FastAPI to serve data to frontend application
- Collaborated with stakeholder and the team lead for project planning and feature development

COTIVITI NEPAL PVT. LTD.   Kathmandu, Nepal
Oracle/MS-SQL Developer   Oct 2020-Aug 2022
- Developed and used PL/SQL procedural scripts to automate manual operations tasks and generate reports.
- Collaborated within and across the team to set standard checkpoints
- Trained new members for quick onboarding and shared knowledge to perform team tasks
- Awarded as an employee of the month, received "Kudos" for an immense effort to meet team targets

SKILLS

Technical Skills: Data Engineering, Python, FastAPI, PL/pgSQL, Postgres, Psycopg, SQLAlchemy, PL/SQL, Relational Databases, SQL Query Writing, Regular Expressions, Linux, Git, Jira, Trello, Microsoft Office, Linux

Soft Skills: Communication, Project Planning, Creativity, Problem Solving, Critical Thinking, Time Management

CERTIFICATIONS

- Google's IT Automation with Python   (Google Career Certificates on Coursera)
- SQL for Data Science   (University of California, Davis on Coursera)
- SQL for Database Administrators   (Skill Track on Datacamp)
- Cloud Computing Basics (Cloud 101)   (LearnQuest on Coursera)