Pranshu Acharya

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EDUCATION

University of Massachusetts Dartmouth, *Dartmouth, MA*   **Graduation expected May 2025**
Masters in Data Science
- Coursework in Advanced Machine Learning, Artificial Intelligence, Statistics, Data Visualization and more.
- 4.0 GPA

Vellore Institute of Technology, Vellore, India   **Graduated May 2022**
Bachelor of Technology in Computer Science & Engineering
- Scored a CGPA of 8.56/10 with coursework in AI, Data Structures & Algorithms, Database Designs, Web Mining and more.
- Received COMPEX scholarship awarded by the Indian Embassy to Nepal based on merit.
- Participated in E-Summit '19 organized by Entrepreneurship Cell, VIT held from 15 March to 17 March 2019.

WORK EXPERIENCE

University of Massachusetts Dartmouth Career Center, North Dartmouth, MA   **August 2023 – Present**
Event Assistant
- Assist in the successful coordination of over 3 career fairs, ensuring a well-organized and impactful experience for employers and students.
- Manage headcounts of 900+ individuals passing by during various events, maintaining accurate attendance records.
- Collaborate with employers to set up and organize events, contributing to the execution of seamless interactions.
- Provide assistance to students during career-related events, managing check-ins and offering valuable information.
- Play a key role in the organization and setup of diverse career-related activities and employer tables around campus.
- Actively promote events by strategically placing posters on notice boards, contributing to increased visibility and attendance.

Cognizant, Hyderabad, India   **September 2022 – July 2023**
Programmer Analyst
- Specialized in Supply Chain and Inventory Management, harnessing in-depth knowledge for operational efficiency.
- Applied Spring Framework and Oracle ATG, contributing to the development of robust retail software.
- Executed end-to-end processes, from rigorous testing to seamless deployment, ensuring optimal performance.

Cognizant, Banglore, India   **March 2022 – Aug 2022**
Full-Stack DeveloperTrainee
- Acquired proficiency in Full-stack development using Angular and Spring Framework.
- Led a team in crafting a responsive Claims Management System.
- Implemented microservices on AWS (ECR and ECS), enhancing system scalability.
- Produced detailed reports and documentation using swagger, aiding the development team's workflow..

Mercantile Office Systems Pvt. Ltd., Kathmandu, Nepal   **August 2021– October 2021**
Intern
- Developed a JavaFX and SQL Finance Management Application.
- Conducted research, compiled data, and contributed to timely network usage reports.
- Gained operational knowledge, supporting various departmental needs.

PROJECTS

- **Semantically Similar Question Detection:** Used Machine Learning techniques Word2Vec, XGBoost, Random Forest, & Flask to create a website to get similar questions to the one asked.
- **Claims Management System:** Used Spring Boot, Spring Security, Angular, and AWS services like load balancer, ECS, and Code Commit in creating a full-stack application using microservices.
- **Finance Management App:** Used Java's JavaFX & SQL to create a GUI-based finance management app.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Big Data Foundations (IBM); Server-side Development with NodeJS, Express and MongoDB (The Hong Kong University of Science and Technology); Neural Networks & Deep Learning (DeepLearning.AI)
- **Skills:** D3Js, Tableau, Java; Python; NumPy; Pandas; MATLAB; Docker; AWS; Machine Learning Algorithms; Web Mining; Teamwork; Leadership; Adaptability
- **Interests:** Analytics; Soccer; Music Production; Movies; Travelling
- **Others:** Was part of the Social Service Club at St. Xavier's which helped tutor students.