EVA CHOUDHARY

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EDUCATION:

University of California, Riverside, CA – B.S. Computer Science with Business Applications   *Graduation June 2025*

EXPERIENCE:

Full Stack Developer Intern at Scrum Adventures, *Long Beach, CA*   *Jun 2023 - Aug 2023*
- Implemented Agile practices such as Pair Programming and Test Driven Development (TDD) to create an improved login experience for CaDoMi Tools Website and ToolBox app, leading to a 5% increase in new downloads and users
- Developed a page using Django that displays productivity charts and analyzes the progress reports of each team in client companies
- Collaborated with 2 interns and a Scrum Master to incorporate gathered feedback from stakeholders and product owners

TRAINING AND CERTIFICATION:

IBM Applied AI Professional Certificate   *Current*

Certified Scrum Developer (CSD)   *Certified Summer 2023*

Advanced Certified Scrum Developer (A-CSD)   *Certification Pending*

RELEVANT PROJECTS:

Personal Assistant Chatbot Web Application   *April 2024*
- Led a team of 5 developers in the design and implementation of a full-stack chatbot web application, enhancing user engagement through real-time interactions, coordinating cross-functional teams and managing project timelines
- Implemented databases using SQLite to manage user accounts and session data securely, and integrated UI/UX components, ensuring a seamless and intuitive user interface
- Integrated APIs from OpenAI for natural language processing and Open Weather for real-time weather updates, enhancing the functionality and responsiveness of the chatbot

Database Management System for Online Storefront   *March 2024*
- Developed a custom database management system using PostgreSQL to support the infrastructure of an online storefront, ensuring robust data handling and scalability
- Engineered database schemas, wrote complex SQL queries, and implemented security measures to protect sensitive customer data
- Optimized database performance through effective indexing and query optimization, resulting in a 30% reduction in data retrieval times

Gradient Descent Optimization for Logistic Regression on Breast Cancer Data   *Nov 2023*
- Performed logistic regression on a set of cell samples to detect if the cells are benign or malignant
- Implemented the machine learning model from scratch using various libraries such as numpy, pandas, matplotlib, seaborn, and scikit-learn
- Developed a bespoke gradient descent optimizer to minimize the binary cross-entropy loss, fine-tuning the model to achieve a predictive accuracy of over 90% on the breast cancer dataset

CO-CURRICULAR ACTIVITIES:

Vice President of Innovations, Artificial Intelligence Student Collective (AISC)   *Sept 2023 - Current*
- Track quarterly event roadmaps, foster key collaborations with professors and professionals, lead projects that demonstrate core AI applications/concepts, host events/workshops that teach industry-relevant skills

COURSEWORK:

- Intro to AI, Machine Learning, Information Retrieval
- Data Analysis/Mining, Visual Analytics, Systems Analysis
- Web Development, Database Management
- Data Structures and Algorithms

SKILLS:

- **Skills:** Python, C/C++, JavaScript, HTML/CSS, React, Django, SQL(PostgreSQL, SQLite), Excel/Numbers/Sheets, Tableau, PowerBI, Git/Github, CI, JIRA, APIs, System Testing
- **Languages:** English, Hindi