

Kundan Paudel

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EDUCATION

University of Houston

Houston, TX

Bachelors of Science in Computer Science and Mathematics

Graduation Date: Dec 2023

SKILLS

Languages: C++, Python, Javascript, HTML5, CSS

Frameworks: Django, Bootstrap

Database: MySQL, PostgreSQL

Version Control: Github, Git

Hosting: Azure

Other: Machine Learning, Statistical Analysis, EDA, Deep Learning

WORK EXPERIENCE

Emerge IT Solutions

Austin, TX

Intern

Apr 2022 - Aug 2022

- Collaborated effectively within an Agile team, following principles and methodologies for streamlined software development.
- Familiarity with Azure services such as App Service, Functions, and Pipelines, leveraging cloud platforms to support scalable and robust applications.
- Developed foundational knowledge in in-demand programming languages and contributed to the development and functionality of software applications.

PROJECT EXPERIENCE

University of Houston

Houston, TX

Point of Sale

Aug 2022 - Dec 2022

- Collaborated on the development of a full-stack point of sale system using Django and SQL for Database Management class.
- Implemented secure user authentication with hashed passwords in Django's default user model. Utilized CRUD functions for seamless data management and display in the front end.
- Designed efficient database schema and performed successful migration for smooth functionality.
- Improved user experience and reduced database load by implementing a secure shopping cart feature that stored data in a Django session, resulting in a 20% increase in page load speed.

University of Houston

Houston, TX

Fuel Pricing Module

Feb 2023 - Apr 2023

- Developed full-stack web application for Software Design class using Node.js, Bootstrap, and PostgreSQL.
- Designed an intuitive user interface with multiple web pages.
- Implemented CRUD functionalities for seamless data management.
- Conducted unit testing, implemented user authentication, and applied validations to enhance user experience and data integrity.

CERTIFICATES

The Complete App Design Course - UX UI And Design Thinking (UC-f933bfa8-80e8-4b69-a89a-d4d1d88bcc2e)