

SHRUSHTI SANTOSH PARKAR

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EDUCATION

California State University Monterey Bay		Marina CA
BS-Computer Science-Data Science	3.80	May 2025
Vidyalankar School Of Information Technology		Mumbai
BS-Information Technology		April 2023

SKILLS

RELEVANT:

- Python, CSS, HTML, JavaScript, Java, Android Studio, MongoDB, PHP, C++, Excel, React JS, SQL, Zoom, Microsoft Teams.

INTERPERSONAL:

- Tri-lingual (English, Hindi, Marathi), Verbal and written communication, leadership, and teamwork.

PROJECTS

Netflix Clone Project	February 2023
<ul style="list-style-type: none">• Developed a full-stack Netflix clone application using modern web technologies.• Integrated Firebase for secure user sign-up, login, and authentication.• Created a responsive, interactive movie list with hover effects to display details, a search box, and a seamless sign-out option.• Designed a detailed movie information page with the ability to play movies and view a grid of related films.• Built an immersive video player with full control options (playback, volume, speed adjustment, and back button functionality).	
Zomato Clone Project	May 2023
<ul style="list-style-type: none">• Designed and built a responsive homepage showcasing restaurants and cuisines with a focus on user-friendly navigation.• Implemented sorting features for restaurants based on location, cuisine, and ratings to enhance user experience.• Developed comprehensive restaurant pages featuring high-quality images, user reviews, and detailed restaurant information.• Integrated secure login and signup functionality for personalized user experiences.• Successfully integrated and tested payment processing using Razor pay for seamless transactions.	
Exploring the Outcomes for Shelter Animals in Sonoma County	Aug 2023
<ul style="list-style-type: none">• Conducted in-depth analysis of shelter animal data to identify trends and outcomes, utilizing statistical methods to derive actionable insights.• Developed machine learning models to predict adoption outcomes, enhancing the understanding of factors influencing animal placements.• Investigated the validity of "Black Dog Syndrome," finding no significant differences in adoption rates between black and other colored dogs and cats.• Discovered a spike in cat adoptions during the latter half of the year and established that most adoptions occur within the first 20 days of intake.• Presented findings in comprehensive, highlighting key adoption patterns and factors influencing adoption rate.	
Montgomery County Accident Data Analysis	February 2024
<ul style="list-style-type: none">• Applied K-Nearest Neighbors algorithm to classify accident severity by tuning k-neighbors for optimal accuracy. Standardized data using Standard Scaler and evaluated model performance through accuracy plotting.• Conducted cluster analysis on accident coordinates, identifying 200 distinct accident hot spots across Montgomery County.• Created density-based cluster maps highlighting high-risk areas like Silver Spring, with a focus on Georgia Avenue, hosting over 1,000 accidents.• Provided county officials with data-driven insights on accident-prone areas to inform potential road safety interventions.	

EXPERIENCE

AI Developer Intern - Edureka	Bangalore, India	April 2023 – June 2023
<ul style="list-style-type: none">• Developed and implemented machine learning algorithms to enhance data processing efficiency and accuracy, improving model performance by 15%.• Collaborated with cross-functional teams to design and deploy AI solutions for real-world applications, focusing on data-driven insights for business decision-making.• Conducted exploratory data analysis (EDA) and pre-processed large datasets to optimize training inputs for deep learning models, reducing computational costs.• Assisted in building and training predictive models using ensemble learning techniques, including Random Forest and Gradient Boosting, to improve classification accuracy.• Applied Natural Language Processing (NLP) methods to extract meaningful insights from unstructured text data, resulting in improved customer sentiment analysis.		
Software Engineer- Ureka	Dubai,UAE	Oct 2022 – Nov 2022
<ul style="list-style-type: none">• Worked as an intern under the supervision of Shweta Apte, and Shubhra Sewalikar on an ongoing project titled "Student Management System" which involves working with Java for the backend logic and server-side development. MySQL to store and manage student records.• It covered aspects of database administration, user authentication, frontend/backend interface, and CRUD activities thereby giving the company a hike of 20% over one month.		