

EDUCATION

B.S. in Computer Science

Jan 2023 - Present

NJIT - Ying Wu College of Computing

Newark, NJ

- CGPA: 3.2/4.0
- Relevant Coursework:
 - Foundations of Computer Science I & II | Programming Language Concepts
 - Math Analysis for Tech | Probability and Statistics | Introduction to Artificial Intelligence
 - Principles of Operating Systems | Introduction to Computer Networks | Database System Design & Management
 - Intensive Programming in Linux | Introduction to Cybersecurity

A.S. in Computer Science

Sep 2020 - Dec 2022

CCM - County College of Morris

Randolph, NJ

- CGPA: 3.2/4.0

KEY SKILLS

Programming Languages: Java, Python, C, JavaScript, TypeScript

Frontend and Backend Technologies: HTML, CSS, Tailwind CSS, DaisyUI, ReactJS, Redux, Three.js, Node.js, Django

Design Tools: Figma, Adobe Illustrator, Procreate, Blender

Database Management: MySQL, PostgreSQL, MongoDB

Version Control & Deployment: Git, Docker

PROFESSIONAL EXPERIENCE

E-commerce Product Manager

Aug 2023 - Present

Memento Design

Remote

- **Responsibilities:**
 - Oversee the entire product lifecycle, from conception to market launch, conducting market research to identify customer needs and preferences, and developing product listings optimized for search visibility and sales conversion.
 - Create and manage digital advertising campaigns on Amazon and social media platforms, produce high-quality promotional videos and visual content, and utilize SEO best practices to enhance product ranking on Amazon.
 - Coordinate procurement, labeling, and inventory management to maintain product availability, and implement efficient shipping and handling processes to ensure timely deliveries.
 - Respond to customer inquiries and feedback promptly, handle custom personalization requests, and ensure accurate order fulfillment to achieve high customer satisfaction and loyalty.
 - Monitor sales performance and analyze data to identify growth opportunities, adjusting marketing strategies based on performance metrics and customer feedback to optimize ROI.
 - Manage financial records, including budgeting, expense tracking, and sales reporting, and ensure compliance with Amazon's seller policies and guidelines to maintain a good standing on the platform.
- **Impact:**
 - Successfully managed over 80 product listings, resulting in a 50% increase in user engagement and satisfaction. Enhanced operational efficiency led to a 30% improvement in fulfillment speed and accuracy. Increased sales by 40% through targeted marketing strategies and optimized product visibility. Achieved high customer retention and positive reviews, significantly boosting brand reputation.

ACADEMIC PROJECT

E-Commerce Platform with Redux and RapidAPI Integration

Designed and developed a feature-rich E-Commerce platform with dynamic product data management using RapidAPI. Emphasized state management with Redux Toolkit to ensure a seamless user experience across various components, including a responsive product catalog, detailed product views, and interactive modals for wishlist and cart functionality.

- **AI-Powered 3D Model Customization Platform**

Built an interactive platform using Three.js and React Three Fiber for real-time 3D model customization, integrating AI to automatically adjust model parameters based on user preferences. Implemented responsive design with Tailwind CSS and managed state efficiently with Valtio for seamless user interactions. https://github.com/SandeepAdhikari/Project_Three.js_AI

- **Weather App**

Developed an AI-powered weather application that fetches real-time weather data and delivers customized forecasts based on user preferences. Implemented a responsive and visually appealing UI using React, Tailwind CSS, and DaisyUI. Integrated AI algorithms to provide personalized weather insights. The app also utilizes API calls to retrieve accurate weather information and presents it in an intuitive and user-friendly interface. https://github.com/SandeepAdhikari/Weather_App

- **Video's Object Detection and Tracking Project**

Developed an API to download YouTube videos and implemented object detection using Faster R-CNN to identify car, person, and bicycles in the videos, then utilized a Kalman filter to track and estimate their speed. https://github.com/SandeepAdhikari/Videos_Object_Detection_And_Tracking

- **Sidewalk Analysis using SAM Model**

Developed a Segment Anything Model (SAM) to enhance sidewalk scene analysis, leveraging advanced object detection and segmentation techniques, and fine-tuning pre-trained models for precise image processing. <https://huggingface.co/spaces/adhsandb05/SAMsidewalk>

- **Django Scheduler Web App**

Developed a Django-based web application for task scheduling, incorporating user authentication, task creation, editing, and deletion. Implemented a PostgreSQL database for persistent storage and deployed the application on Heroku for easy access and scalability. <https://bloggersguru-ff1862d88df5.herokuapp.com/>

CERTIFICATION

Responsive Web Design Certification via freeCodeCamp

<https://freecodecamp.org/certification/SandeepAdhikari/responsive-web-design>