

Tristan Hancock

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EDUCATION

NMIMS University:MPSTME

Mumbai,Maharashtra

Btech Computer Science

Jul 2025

WORK EXPERIENCE

No Pixel PVT LTD

Mumbai,Maharashtra

Web Developer

Dec 2022 - Apr 2023

- Developed a streamers website utilizing HTML, CSS, and JavaScript to connect to the YouTube API and fetch data from streamers playing games on their respective channels. Created a centralized hub for players to find and connect with their favorite streamers, resulting in an increase in user engagement by 60%.
- Developed and implemented a Python script to automate data analysis and report generation, reducing manual labor by 70% and ensuring compliance with contractual obligations.
- Implemented a robust database to store all customer data, resulting in a 30% reduction in time spent manually granting access.
- Designed and programmed a custom bot using Python to identify and outreach to potential partners, resulting in a 25% increase in partnerships within the first month.

PROJECT EXPERIENCE

Max Fitness AI

Full Stack Developer

- Utilized React JS, CSS, Express, and MongoDB in conjunction with OpenAI's GPT to develop "Max Fitness AI," a dynamic web application designed to assist users in selecting and prioritizing fitness tasks. Integrated OpenAI API to enable AI-driven recommendations, enhancing user decision-making processes. Implemented secure login systems and data storage solutions for user information and activity threads, ensuring a personalized and interactive user experience.

Grocery Chat Assistant AI

Full Stack Developer

- Utilized React JS, CSS, Django (Python), and OpenAI's GPT-4 API to develop "Grocery Chat Assistant AI," an advanced web application crafted to streamline the grocery ordering process. The application facilitated an interactive platform where users can easily place grocery orders, receive personalized item recommendations through deep learning analysis, and get a detailed invoice for their

purchases.

Lung Cancer Detection Model

Data Scientist/ML Engineer

- Designed and implemented a machine learning model using logistic regression to predict the likelihood of lung cancer based on patient data. This project involved extensive data preprocessing, model training, and validation to achieve high accuracy and reliability. It underscores my skills in applying machine learning techniques to health data, contributing to early diagnosis and treatment strategies.

Cyber Cypher Hackathon Finalist - FetchAI Implementation

AI Developer / Data Scientist / Software Developer

- Achieved finalist status at the prestigious Cyber Cypher Hackathon by leveraging FetchAI **blockchain** technology to address critical business challenges, including untimely sales, inventory management, and sales forecasting. Engineered a sophisticated solution that employs deep learning algorithms and backward propagation to analyze and predict sales trends, offering actionable insights for business owners to optimize profitability. The project highlighted my adeptness at developing AI-driven agents capable of providing strategic advice for enhancing business operations, showcasing a blend of innovative problem-solving skills and advanced technical proficiency.

Face Detection System

Software Developer

- Developed an advanced face detection system employing image processing techniques and libraries, including OpenCV. Designed to accurately identify faces within photos and videos, this project involved integrating various image processing algorithms to improve detection accuracy. The system demonstrates the potential for applications in security, user authentication, and photographic software, showcasing my proficiency in handling complex image data and real-time processing.

eSports India Platform

Web Developer

- Led the development of "eSports India," a comprehensive web platform that enables users to engage with the eSports community by registering for tournaments, forming teams, and participating in community discussions. Built using modern web technologies, this project highlights my ability to create engaging, community-driven web applications that cater to the specific interests and needs of users, promoting eSports activities and events across India.

Donaid

Flutter Application Developer - NGO Donation

- Developed a user-centric Android application facilitating donations to NGOs, enhancing philanthropic accessibility and promoting user engagement.

- Engineered multiple donation options, including food, money, electronic devices, and clothing, increasing the scope and variety of user contributions.
- Implemented a robust user interface featuring a personalized profile page, an overview of popular charities, and categorized charity listings for streamlined navigation and user convenience.

Medium

Technical Writer/Blogger

- Authored a comprehensive article on Medium about the GPT-4, OpenAI's multimodal language model, detailing its key features, applications, the API integration process, and potential future developments.

LEADERSHIP EXPERIENCE

No Pixel India PVT LTD

Mumbai, Maharashtra

Interview team

Dec 2022 - Apr 2023

- Proactively established thorough protocols for vetting applications, mitigating risk of fraud by 35%.
- Conducted video call interviews with 40+ candidates, achieving 100% customer satisfaction & retention rate.
- Directed interview team to evaluate over 2500 applications to whitelist players onto gaming server, resulting in 75% pass rate & successful launch.

ABOUT ME

As a dedicated BTech student at NMIMS University's Mukesh Patel School of Technology Management and Engineering, I am ambitiously striving towards a multifaceted career across various fields and roles, both technical and non-technical. A deep-seated passion for software development propels me to continuously push boundaries and stay ahead of technological advancements.

I am actively branching into technical writing, aiming to bridge the gap between intricate technical knowledge and widespread understanding. Concurrently, my interest in machine learning drives me to explore its game-changing principles and applications.

Web development is another significant part of my professional growth trajectory. By honing my skills in this domain, I aspire to craft impactful and intuitive web solutions.

Fueling my ambition is the ultimate goal of founding my own SaaS company, capitalizing on my diverse skill set and experiences to create innovative, valuable solutions for users worldwide. Committed to lifelong learning and growth, I continually seek opportunities that challenge me and advance the technology sector.

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