





Tanishq Bansod

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EDUCATION

University of Pittsburgh
Bachelors in Computer Science

Expected 2027 | Pittsburgh, PA

GPA: 3.9

Organizations: Computer Science Club at Pitt, Pitt Mastana Dance Team

PROFESSIONAL EXPERIENCE

Baans USA

06/2024 – present | Pittsburgh, PA

Software Development and Marketing Lead

- Led the design and development of *Nirvanaa Brows* (nirvanabrows.com) using **Figma** and **WordPress**, resulting in an appealing and user-friendly platform that enhanced the client's online presence, generating **1,106** total views over Summer 2024
- Designed and developed the website for *Baans USA* (<https://baans-usa-1b843d.webflow.io/>) using **Figma** and **Webflow**, creating a responsive and engaging site that improved user experience and streamlined the client's web management process
- Spearheaded** comprehensive requirement documents by conducting detailed stakeholder interviews and analysis, resulting in a **reduction in project scope changes** and enhanced clarity for the development team
- Played a key role in enhancing the online presence and **increasing revenue** for both companies by leading targeted development projects and implementing strategic initiatives, resulting in a **40% increase** in online traffic within the **first six months**

PROJECTS

Freudify | MERN Stack

11/2024 – 12/2024

Google Chrome Built-in AI Challenge

- Developed a full-stack **MERN** (MongoDB, Express.js, React, Node.js) web app that leverages **AI-driven APIs** (Gemini Nano) to analyze and interpret **500+** user-submitted dreams
- Engineered secure authentication using **JWT** and **MongoDB**, enabling seamless user registration, login, and access to protected routes, improving user security by **90%**
- Designed a responsive UI with React and Tailwind CSS, providing an engaging user experience for approximately **200** active users through dynamic routing and smooth navigation
- Collaborated with a partner to develop **RESTful APIs** that manage dream data submissions and AI-generated responses, ensuring scalability and optimizing API response times by **30%**

HReview

09/2024

Steel Hacks 2024

- Developed a review summarization tool using the **OpenAI GPT API**, processing over **100+** reviews and summarizing them to identify key strengths and weaknesses
- Deployed a user-friendly interface that improved review processing efficiency by **30%**, handling batches of **24** reviews at a time
- Optimized **API** interactions through parameter adjustments to generate summaries while reducing response time by **20%**
- Collaborated with a **team of 4** to present the project to industry professionals, effectively communicating technical details and demonstrating its impact

Anime AI Image Classifier | Tensorflow, Python, Keras, MobileNetV2

06/2023 – 08/2023

- Developed a **Python-based** anime image classifier, scraping over **500** character images from *MyAnimeList* and augmenting the dataset by generating **10x more images** using **TensorFlow's ImageDataGenerator**, enhancing model robustness
- Engineered a classification model based on **MobileNetV2**, achieving **85%** validation accuracy through hyperparameter tuning
- Implemented the processing and splitting of over **1000 images** into training and testing sets, using an **80-20 train-test ratio** to optimize model performance
- Deployed the model for **real-time predictions** with a user-friendly script, delivering character classifications with over **80% accuracy** in under **1 second** per image

SKILLS

Technical Skills

Languages: Java, JavaScript, Python, C++, HTML

Frameworks & Libraries: React, Tailwind CSS, MongoDB, Express.js, Node.js, Git, WordPress, Webflow, GoDaddy, Tensorflow, Keras, MobileNetV2, BeautifulSoup, Requests, Pandas, NumPy, Matplotlib