MUHAMMAD TALHA

Islamabad, Pakistan

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Education

COMSATS University Islamabad   **Sep 2018 – Feb 2023**
Bachelor of Science in Computer Science   *Islamabad, Pakistan*

Experience

DIVEDEEPAI   **Feb 2023 – Present**
Front-end Web Developer   *Islamabad, Pakistan*
- Proficient in modern technologies such as React.js, Next.js, JavaScript, and TailwindCSS, leveraging them to craft interactive user interface
- Developed and upheld a modular, component-based architecture to maximize code reusability and maintainability.
- Enhanced web application performance and ensure seamless integration with backend APIs.
- Designed visually appealing and responsive web applications prioritizing user experience.

HEDGE   **July 2022 – Feb 2023**
Front-end Web Developer   *Islamabad, Pakistan*
- Service specializing in Know Your Customer (KYC) and Anti-Money Laundering (AML) solutions.
- Utilized modern technologies for seamless user data gathering in the KYC process, leveraging tools like react-webcam and web-socket integration.
- Expertly managed hundreds of thousands of records of sensitive data, including user information and sanction/blacklist data, with strict adherence to confidentiality protocols and regulatory compliance.
- Graphical data representation and generating interactive reports, facilitating comprehensive insights.

Projects

3D Semantic Clustering with AI (Research Project) | *React.js, Three.js, React-three-fiber, Python*   **Sep 2023**
- 3D representation of semantic clusters of 5000+ images in a 3d space using React-three-fiber/ Three.js.
- Positioning of intractable images in 3d space based upon semantic algorithm using python(closeness in similarity).
- Flow of starting from one point, selecting through images and reaching at target point, collecting this data of users.
- Research project which enabled PHD client to gather 300+ responses from students to study the data of Machine Learning output vs Human output.

ClinicFlowAI | *Next.js, React.js, TailwindCSS, Shadcn/ui, Python*   **Jan 2024**
- Specialized in crafting and customizing AI Chatbots tailored for doctors to enhance their business operations.
- Conducted AI Chatbot training by updating the knowledge base using datasets.
- Streamlined appointment management and session scheduling through live AI chat functionalities.
- Seamlessly integrated external APIs including Google Calendar and Twilio to enhance Chatbot capabilities.
- Provided doctors to integrate the Chatbot with various websites, extending its functionality and accessibility.

Oppurture Labs | *React.js, JavaScript, TailwindCSS, Python, AWS*   **May 2023**
- Multi-Model architecture project which uses YOLOv5, YOLOv7, Tiny YOLOv3, OCR etc for implementing more than 24 model functionality for users.
- Led the team of 4 developers for integration of various models including AI Content Detector and Conversational AI.
- Effectively pitching the product to 3 investors during client meetings, leading to successful investments.

Technical Skills

Technologies/Frameworks: React.js, Next.js, TailwindCSS, Ant Design, Redux Toolkit, Three.js, React-three-fiber, Framer Motion, GSAP, Node.js, Express.js, MongoDB, GitHub, Vue.js, Nuxt.js, Axios, React Query
Languages: JavaScript, HTML/CSS, TypeScript
Developer Tools: VS Code, Postman, Figma, Google Chrome DevTools

Leadership / Extracurricular

July 2023 - DiveDeepAI Employee of the Month