Mahek Shah

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Technical Skills

Languages: C, C++, C#, Java, Python,HTML5, CSS3, JavaScript, PHP, Dart.
Frameworks and Tools: Postman, Jupyter, Git, Flutter, Github, Docker, Wordpress, Android.
Machine Learning: Scikit-learn, Numpy, Pandas, SciPy, Matplotlib, Seaborn.
DataBase: MySQL, Oracle, PostgreSQL, Firebase, NoSQL
Cloud Platform: Amazon Web Services (AWS)

Education

Dwarkadas J. Sanghvi College of Engineering   2023-2026
Bachelor of Technology in Artificial Intelligence and Data Science (GPA: 8.50)   *Mumbai,Maharashtra*

Shri Bhagubhai Mafatlal Polytechnic   2020-2023
Diploma in Information Technology (GPA: 9.02)   *Mumbai,Maharashtra*

Experience

63 Moons Technologies LTD.   July, 2022 – August, 2022
C++ Technology program Intern (C++, Citrix Workspace)   *Mumbai,India*
   * Developed a network using socket programming
   * Designed a Server and a Client
   * Basic analysis and learning on log data

Hexagen   July, 2022 – August, 2022
Website Developer Intern (JavaScript, HTML, CSS, Bootstrap)   *Mumbai,India*
   * Created API's for mail and message systems
   * Developed an interactive website

Projects

Nyaya Sahay | *SMART INDIA HACKATHON*
   * Developed an interactive chatbot for the Department of Justice (DoJ) website, providing users with real-time information and assistance related to judicial processes and services like DoJ divisions, traffic fines, eFiling, Fast Track Courts, and Tele Law Services ,Live streaming of court cases and access to eCourts Services and eCourts status.
   * Designed and implemented a user-friendly UI for the chatbot, enhancing accessibility and usability. Integrated the chatbot on a dummy DoJ website, ensuring seamless functionality and responsiveness.
   * We employed Chatbot development through NLP (Natural Language Processing, Machine Learning(Llama model), selenium to scrape data and UI/UX design, website integration, AWS cloud services, APIs

Faux-RealAI
   * A Synthetic Dataset Generator to generate synthetic datasets from existing data using advanced Generative Adversarial Networks (GANs).The solution addresses data scarcity, privacy concerns, configurable datasets tailored to specific needs, allowing users to select the optimal GAN approach for their requirements.

Sparsh | *Freelancing project*
   * An E-Commercial live website of CVD Diamond Jewellery, featuring a seamless shopping experience, secure payment gateways, and user-friendly navigation,

GupShup-Say no to boredom | *Diploma Final Year Project*
   * Developed a virtual friend application providing one-to-one interaction as humans does, integrating flutter application and python machine learning model, providing people with a user-friendly interface.
   * Implemented interactive and personalised experience for people with stress, anxiety and boredom.

Divya
   * Created an inclusive website catering to physically disabled individuals, featuring accessibility tools like voice-activated read-aloud and color toggle for color blindness. Spotlighted blogs, success stories, and real-time government schemes for disabled individuals, alongside a specialized job search portal. Integrated maps using the OpenStreetMap API to display nearby disabled-friendly locations, enhancing accessibility.

Publication

GUPSHUP- A Machine Learning Powered Virtual Friend (February, 2024)
Presented and published in International Conference on Intelligent Computing & Networking (IC-ICN 2024))