ARJUN SHAH

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EDUCATION

Philadelphia State University   **AUG 2020 – MAY 2024**
B.S. in Computer Science - GPA – 4.0   *Abington, PA*

TECHNICAL SKILLS

Languages/Skills: Docker, Kubernetes, C++, HTML, CSS, Bootstrap, Tailwind, React, JavaScript, Typescript, Power BI, SQL, Pandas, TensorFlow, PyTorch, Scikit-learn, Matplotlib, CI/CD, AWS, GCP, Azure, Python, Java

Developer Tools: VS Code, Visual Studio, XCode, Github, Git, Hostinger, Wordpress, Wix

Technologies: Wireshark, Kanban, Jira, Google Admin Console, OneLogin SAML

Systems: Linux, Windows

EXPERIENCE

ADB Technologies   **August 2023 - October 2023**
Software Engineer Intern   *Alpharetta, GA*

- Played a significant role in advanced research and project implementation at Esync Technologies, focusing on Dart programming, SQL databases, and the deployment of pretrained transformers.
- Engaged in substantial research related to unemployment and job market trends, collaborating on projects that tackled real-world challenges. Leveraged expertise in Python and NLP to achieve results.
- Key contributor to AI/ML research on unemployment trends, driving impactful solutions, leading to a research paper showcasing ADB Technologies' innovation.

InfoTecj Pvt. LTD   **May 2022 – July 2022**
Technology Intern   *Vadodara, IN*

- Developed and implemented key features for the Bookinxs app, including the search functionality for playgrounds and play areas, enabling users to easily find and book suitable locations.
- Collaborated with the development team to enhance the user experience by integrating a seamless booking system, allowing individuals and teams to connect and make reservations effortlessly.
- Assisted in the design and implementation of the sports events exploration feature, providing users with comprehensive information about nearby tournaments and events.

PROJECTS

CampusAutomation | *React, Typescript, Next.js, Express.js, PostgreSQL*   **Nov 2023**

- CampusAgile, an ongoing open-source initiative inspired by Jira. This platform significantly bolsters team collaboration and optimizes task management processes.
- Our ongoing mission involves empowering university students with practical project management exposure by means of an agile task and collaboration platform that is currently under development.

Stock Prediction using ML/DL | *Python, Streamlit, Jupyter Notebook*   **Nov 2023**

- Developed an interactive stock price prediction web application using Streamlit and machine/deep learning models like LSTM and Random Forest Regressor to predict prices.
- Created an end-to-end machine learning pipeline including data collection, preprocessing, model training and evaluation along with comparative analysis between ML algorithms.

GUI development | *Python, PyCharm, GUI*   **Dec 2022**

- Implemented A* algorithm for efficient and optimized pathfinding in a 2D maze, reducing the time complexity of traditional search algorithms while performing all error handling.
- Developed a user-friendly GUI using Pygames, enabling interactive maze navigation and visualization of the solving process which lets user draw, modify path, and change start and end points.

CERTIFICATIONS

SAP Cybersecurity Engineering Virtual Internship Program   **February 2023**