

DEEP PATEL

Bensalem, Pennsylvania

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EDUCATION

Pennsylvania State University

AUG 2020 – MAY 2024

B.S. in Computer Science - GPA - 3.72

Abington, PA

TECHNICAL SKILLS

Languages/Skills: Python, Java, Scheme, C++, C, HTML, CSS, Bootstrap, Tailwind, React, JavaScript, Typescript, Power BI, SQL, LaTeX, Pandas, TensorFlow, PyTorch, Scikit-learn, Matplotlib, CI/CD, Agile/Scrum

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

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

Systems: Linux, osX, Windows

EXPERIENCE

Esync 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 Esync Technologies' innovation.

Voldebug 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

CampusAgile | *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 Predictor 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.

Maze Solver | *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