Tauhidur Anjan

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EDUCATION

University of Buffalo   Buffalo, NY
Bachelor of Science in Computer Science   *Expected Grad Dec 2025*

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, SQL, PHP, JavaScript, HTML/CSS
Frameworks & Libraries: React, Node.js, Flask, Django, JUnit, PySpark, pandas, NumPy, Matplotlib, Plotly
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Unreal Engine, Jupyter Notebook, Azure Databricks

WORK EXPERIENCE

Global Technology Intern   June 2024 - August 2024
AXA XL   *Stamford, CT*
- Developed ETL pipelines in PySpark and Databricks to migrate data from on-premises to Azure cloud.
- Collaborated with team members to ensure data accuracy and utilized Power BI and Excel to identify 40% of missing premiums, creating data visualizations that provided actionable insights for stakeholders.
- Analyzed and optimized key datasets to identify expansion opportunities in the US sector, supporting strategic decision-making and business growth initiatives

Software Engineering Fellow   June 2023 - July 2023
Headstarter   *Remote*
- Developed multiple full-stack web applications using technologies such as React JS, Node JS, and Flask, collaborating in teams of 3 to build solutions like a resume parser with keyword matching, a multi-API dashboard for weather and news data, and a Twitter-like platform with machine-learning-based recommendations.
- Leveraged cloud services and machine learning by utilizing Google Firebase for data storage, OpenAI for data summarization, and HuggingFace NLP models for a recommendation system, enhancing user experience and optimizing application functionalities.
- Gained expertise in Software Engineering and Data Structures while refining communication skills to effectively convey technical concepts, ensuring smooth collaboration and successful project delivery

PROJECTS

BuffaLiving | *React, PHP, MySQL, JavaScript, HTML, CSS,*   September 2024 - December 2024
- Developed a student-focused housing marketplace using React, PHP, and MySQL, allowing users to list, search, and filter properties efficiently, used by over 100 students.
- Designed and maintained a secure MySQL database with PHPMyAdmin to manage user authentication and property data, ensuring data consistency and integrity.
- Collaborated within a team of four to implement key features, including an interactive map-based property view, advanced search filters, real-time chat, and discussion forums.

Twitter Clone (Headstarter Fellowship) | *JavaScript, React, Firebase*   July 2022 – August 2022
- Built a real-time social media web app with tweet posting, liking, retweeting, and commenting features using Node.js and Firebase.
- Enabled user profile creation with support for profile pictures, bios, and customizable settings.
- Integrated Firebase Authentication for secure user sign-up, login, and session management.
- Collaborated with a small development team to design and implement scalable features following agile workflows.

Gamr | *Figma, React, HTML*   January 2025 - May 2025
- Developed a Letterboxd-style social platform for gamers, allowing users to log, rate, and review video games, enhancing the gaming community experience.
- Designed the user interface based on Human-Computer Interaction (HCI) and psychology principles to maximize usability and engagement.
- Utilized Figma for wireframing and prototyping, implemented the frontend in React, and followed Agile methodologies for iterative development and feature integration.