

Abdul Samee

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EDUCATION

Wayne State University

Bachelor of Science in Computer Science, September 2020 - December 2024

EXPERIENCE

Data Analyst Intern | Detroit Lions: October 2023 – January 2024

- Apply analytical skills on datasets like NFLFASTR, utilizing logistic regression in R and RShiny to model and predict Detroit Lions' running back touchdowns with precision.
- Design and implement an interactive RShiny front-end for streamlined user input, showcasing prediction and success rates for running back touchdowns.
- Actively contribute to coaching initiatives by working closely with mentors and peers, enhancing the accuracy of the predictive model through effective collaboration.

PROJECTS

E-commerce Website Development | Django, JavaScript, HTML, CSS, Bootstrap, SQLite

- Developed an end-to-end e-commerce website featuring product listing, search functionality, product detail's view, cart management, and a secure checkout process.
- Implemented cart persistence using localStorage and dynamic UI updates with jQuery.
- Managed product data and orders with Django models and integrated search and pagination.

Aws-Club Chat Application | AWS Amplify, AppSync, Cognito, DynamoDB, JavaScript

- Developed a communication platform for AWS Cloud Club leaders to enhance communication.
- Built a secure and scalable chat app using AWS Amplify, AppSync for real-time data sync, and Amazon Cognito for user authentication.
- Built a custom website with data storage in Amazon DynamoDB, following Infrastructure as Code (IaC).

3D Portfolio | JavaScript, React Three Fiber, Three.js, EmailJS, Vite

- Demonstrated expertise in building immersive 3D experiences with React Three Fiber and Three.js.
- Successfully integrated EmailJS for back-end functionality, enabling secure email communication.
- Leveraged Vite for optimized performance and efficient deployment on GitHub Pages.

Technologies and Languages

- Python, SQL, HTML5, CSS3, C++, R, Bash, Java, C#, JavaScript
- Git, AWS (Glue, Lambda, S3), Three.js, React, NumPy, pandas, Node.js, Linux, Excel, Snowflake, MySQL, Power BI, jQuery, Django

Leadership and Certifications

- **AWS Certified Cloud Practitioner** - Proficiency in cloud computing, AWS services, and best practices.
- **AWS Certified Developer** – Proficiency in developing and deploying cloud applications.
- **Board Member (Lead Architect)** - Wayne State AWS Cloud Club: Led technical aspects including projects, workshops, and lectures for Wayne State's AWS Cloud Club.