

Hakeem Syed

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EDUCATION

Graduation: June 2024

BE in Computer Science and Engineering - CGPA: 8.0
Anna University Affltd. - AMS College of Engineering- Chennai, India.

PROFESSIONAL EXPERIENCE

SKT Software , Chennai

Backend developer Intern - Python & Django (May'24 - July'24)

CafeLatte : [\[LIVE LINK \]](#) - Django | Javascript | REST API | Railway | PostgreSQL

- **Engineered and deployed** the application using Django, **Boosted system performance by 15.66%** (from 83 to 96) by eliminating render-blocking resources. - [\[metrics \]](#)
- Integrated a **REST API** to seamlessly render the menu, utilizing Postman for rigorous testing and **slashing API response time to 810ms**.
- Achieved an **FCP of 0.8s** and **optimized overall load time from 2.2s to 1.1s**, resulting in performance to 96/100 and **SEO** to 91/100 best practices.
- **Demonstrated strong problem-solving skills** by designing optimized cart logic that manages content via API calls

CODING PROFILE

URL: LeetCode: [Hakeem 7](#) Solved 130+ pattern wise Data Structures & Algorithms problems.

- Achieved a rank of **6961 out of 37k+** participants in recent weekly contest #417
- Currently ranked in **top 36.04% globally** on Leetcode.
- Able to solve 1-2 problems per contest.

URL: TUF+ : [Syed Hakeem](#) Maintained Consistent Rank below 300 with 100+ problems solved.

PROJECTS

EnergyIntel - Renewable energy consumption analysis [\[LIVE LINK \]](#) [\[GitHub \]](#)

- **Developed a robust Flask-based platform** capable of accurately predicting renewable energy consumption with an impressive **R² accuracy of 98%**.
- Improved deployment stability on PythonAnywhere by implementing a system to automatically generate file paths, preventing errors related to incorrect paths **by 23%**.
- **Optimized performance**, achieving a first content load of **0.2s** and Large content load of **1.1s**, resulting in a remarkable overall performance **score of 94**. - [\[metrics \]](#)
- Deployed to **IBM Cloud** as part of an academic collaboration with IBM.
- **Tech Stack**- Python| Flask | Html | Css |

EcomzyX - revamped react App [\[GitHub \]](#) [\[Video \]](#)

- Designed and developed a **responsive** e-commerce website from scratch **using React**.
- Implemented high-performance functionality in React, enabling users to add items to a shopping cart, review cart contents, and seamlessly check out.
- Utilized **React hooks** for state management and **Tailwind CSS** for responsive design, with **Redux** for state management.
- **Tech Stack**- React | Redux | Html | TailwindCss | Js

TECHNICAL PROFICIENCIES

- **Languages:** Java | Python | JavaScript
- **Development:** Django | React.js | REST API | Redux
- **Frameworks:** React | Django | Tailwind
- **Version Control :** Git | Visual Studio Code
- **Containerization:** Docker
- **Tools:** Railway | Postman
- **Databases:** MySQL | SQL | Relational DBMS