

AZIZUL HOQUE

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EDUCATION

Indian Institute of Technology, Madras

B.Tech, Civil Engineering; CGPA: 8.47

Tamil Nadu, India

July 2023 – Present

Dakshana Foundation, JNV Bundi

CBSE (Class 12); Result: 95.6%

Rajasthan, India

July 2021 – April 2023

SKILLS SUMMARY

- **Languages:** Python, JavaScript, C, C++, HTML/CSS, Tailwind, React, Typescript
- **Frameworks:** Pandas, Numpy, Matplotlib, scikit-learn, Node.js, TensorFlow, PyTorch, Bootstrap, MySQL
- **Development Tools:** Jupyter Notebook, Visual Studio Code, Git, Github
- **Other Skills:** Canva, Figma, Markdown, DSA

HACKATHONS & COMPETITIONS

- **30 Hr Hackathon: Codeblitz, Shilp, (IIT BHU)– Rank 1**

Construction Cost Optimiser Tool — Certificate

Designed and developed a web-based construction cost optimiser tool that streamlined cost estimations.

Website: azhking69.github.io/Team-WebStar **Repository:** github.com/azhKING69/Team-WebStar

- **UI Design Competition, ANHAD (IIT Jammu)– Rank 5**

Redesigned a Website in 12 Hr — Certificate — Rankings

Redesigned and modernized the website by transitioning the original design at gatesnfences.com to a revamped version.

Website: azhking69.github.io/Team-Barcelona **Repository:** github.com/azhKING69/Team-Barcelona

- **10 Hr ML Hackathon: ML Forge, Shilp, (IIT BHU)- Rank 3**

Structural Damage Classifier — Certificate

Developed a machine learning model to classify damaged and undamaged structures by analyzing data from accelerometer sensors. This project demonstrated effective use of sensor data for predictive analytics.

Repository: github.com/azhKING69/BackPropagators

PROJECTS

Guess the Country Challenge Game (Web + App)

Jan 2024

- Developed a dynamic quiz game using to identify countries from images with four multiple-choice options.
- Integrated public APIs to fetch real-time country data and images, enhancing gameplay diversity.
- Designed a responsive user interface for seamless play across devices.
- Deployed the game as a standalone Android application (APK) for mobile users.
- **Live Demo:** azhking69.github.io/Guess-Country **App Link:** GeoGuess 1.0

CERTIFICATIONS

Complete Full Stack Web Development — Hitesh Choudhary — Udemy — View Certificate

Gained hands-on experience in building dynamic web applications using HTML, CSS, JavaScript, Node.js, Express.js , MongoDB, and React.

Supervised Machine Learning — DeepLearning.AI — Stanford Online — View Certificate

Learned core concepts of supervised learning including linear regression, logistic regression, loss functions, regularization, and model evaluation techniques.

Advanced Learning Algorithms — DeepLearning.AI — Stanford Online — View Certificate

Explored advanced topics such as decision trees, ensemble methods (bagging, boosting), support vector machines, and model optimization strategies.