

Deepak Das Tatwa

 Deepak Das |  Deepak Das Tatwa |  deepakdastatwa@gmail.com |  +917321093703

SUMMARY

Skilled in full-stack development, machine learning, and cloud computing. Proficient in C/C++ and web technologies, with hands-on experience in building scalable applications. AWS-certified and a competitive programmer, solved some questions in LeetCode. Beyond academics, I excel in multiple sports.

PROJECTS

EV Charging Station App | React, Tailwindcss, Next.js, FireBase

[GitHub](#)

- Built an EV Charging Management System using React.js, Node.js, and MongoDB/MySQL.
- Implemented real-time slot booking, route optimization, and JWT authentication.
- Followed Agile methodology for scalable, secure, and user-friendly development.

Pharmacy Management System | Node.js, Express.js, HTML, CSS, EJS, SQL

[GitHub](#)

- Developed a platform for managing patient records, drug availability, and billing.
- Implemented secure admin login and automated invoice generation.
- Enabled efficient medicine management and inventory tracking.

Brain Tumor Detection | Python, Machine Learning: CNN-Transformer Model

[GitHub](#)

- Designed a CNN-Transformer model achieving 99.46% accuracy on a medical dataset.
- Trained using TensorFlow/Keras on 10,000+ MRI scans, leveraging data augmentation.
- Implemented a prediction pipeline with confidence analysis, improving decision reliability.

EDUCATION

2022 - present	B.Tech (CSE) at SRM University AP	(CGPA: 8.34/10.0)
2021	Class 12th KIST College	(GPA: 3.43/4.0)
2019	Class 10th	(GPA: 3.70/4.0)

SKILLS

Programming Languages: C/C++ (Proficient), Java, JavaScript, Firebase, SQL

Web Frameworks: HTML, CSS, React.js, Express.js

Cloud DevOps: AWS (Certified), Git

Developer Tools: VS Code, Xcode

HONOR AND AWARDS

Research Paper: Authored a research paper on Brain Tumor Detection using Convolutional Neural Networks (CNN) and Transformer Models.

Coding Achievements: Solved 200+ problems on [LeetCode](#)

AWS Certifications: Completed courses on AWS Cloud Technical Essentials, Migrating to the AWS Cloud, and Architecting Solutions on AWS from Coursera. [Certificates](#)