Naveen Munabarthi

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Education

Aditya College Of Engineering And Technology — Kakinada, AP
Bachelor Of Technology — *Aug. 2021 – June 2024*

Government Polytechnic College Narsipatnam — Narsipatnam, AP
Diploma — *May. 2018– Jun 2021*

Technical Skills

Languages: C++, Java, Python, SQL, JavaScript, HTML/CSS.
Frameworks: React, Springboot.
Developer Tools: Git, Github, VS Code, MySql.
Problem-Solving: OOPS, Data Structures And Algorithms.

Experience

Competitive Coder Intern — June 2023 - Dec 2023
Techical Hub — *Kakinada, AP*

- Implemented object-programming(OOP) concepts in application development.
- Solved complex problems using Data Structures and Algorithms (DSA).
- Collaborated with the team to enhance code quality through reviews and debugging.

Projects

Secured Notes WebApp | *SpringBoot, React, MySQL, Postman,Basic Auth*

- Designed and developed a full-stack application using Spring Boot for the backend and React for the frontend.
- Integrated MySQL for managing notes, users, and notes data, ensuring seamless operations.
- Created and tested RESTful APIs using Postman to ensure proper data flow and functionality.

Portfolio Website | *HTML, CSS, Javascript*

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript.
- Showcased projects, skills, and contact details with an interactive UI.
- Built a dynamic and visually appealing web application for better engagement.

Optic Disc Segmentation For Retinal Images | *Matlab, Canny Edge Detection , Random Forest Classifier*

- Implemented glaucoma detection using Cup-to-Disc Ratio (CDR) based
- Utilized Canny edge detection, thresholding, and morphological operations for accurate CDR calculation
- Trained a Random Forest classifier to classify fundus images as glaucoma-positive or negative.
- Emphasized high-quality image processing for improved diagnostic accuracy.

Sudoku Solver | *C++, Data Structures , Backtracking and Recursion*

- Developed a Sudoku Solver in C++ using backtracking and recursion.
- Utilized efficient data structures like 2D arrays and hash sets for constraint validation.
- Optimized the solution with pruning techniques for faster solving time.

Coding Milestones

Leetcode: Solved 400+ Problems.
Hackerrank: 5 star in Problem Solving and 5 Star in C++ and Python.
GeeksForGeeks: Solved 250+ Problems.