# 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

**JobConnect** | *Srpingboot,Spring Security,Jwt,Sql,Jpa,Postman*

- Developed a SpringBoot based backend for a job-portal with user authentication for job posting.
- Designed RESTful API's for user and job management,allowing for CRUD operations.
- Tested API end points using postman to ensure reliability and proper funcionality.

**Portfolio Website** | *HTML, CSS, Javascript*

- Designed and developed a 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.
**GeeksForGeeks**: Solved 250+ Problems.