B.Naveen Kumar Reddy

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SKILLS

- **Front End:** HTML, CSS, JavaScript, Tailwind css
- **JavaScript Framework:** ReactJS
- **Back End:** Node.js,Express.js
- **Databases:** MySQL,MongoDB
- **Programming Languages:** Java, Python
- **Tools:** Git, Postman, IntelliJ IDEA, Maven, VS Code
- **Problem Solving:** Data Structures Algorithms

EDUCATION

PARUL UNIVERSITY
B-Tech in Computer Science
Major CGPA: 8.61 / 10
2021 - 2025

NARAYANA JUNIOR COLLEGE
Class XII
Percentage: 98%
2019 - 2021

OXFORD EM HIGH SCHOOL
Class X
CGPA: 10 / 10
2019

LINKS

- **GitHub:** github.com/Naveenreddy7571
- **Portfolio:**Naveen Reddy
- **LinkedIn:** Naveen Reddy
- **LeetCode:** NaveenReddy
- **Code Studio:** Naveenreddy24

CERTIFICATIONS

- **Software Engineering**
  Indian Institute of Technology Kharagpur
  Percentage: **80%**
- **Python Fundamentals**
  Indian Institute of Technology Madras (Guvi)

PROJECTS

Groot: A Custom Version Control Implementation [published At]

- Identified the need to understand the internals of a custom version control system.
- Designed and developed a version control system named Groot to manage and track changes in project files effectively and learn the internal workings of Git.
- Implemented the core **functionalities** of Groot using **JavaScript**, including **adding files** to the staging area, **committing files** from the staging area, **Groot log**, and **Groot diff** for commit differences. Developed user-friendly JavaScript code for ease of use.
- Delivered **Version 0** of the Groot version control system, which improved understanding of Git resulting in better usage and a deeper understanding of Git.
- Published Groot on npm as **groot-vcs** [npm package link], enabling easy installation and usage worldwide.
- **Technologies :** javaScript,Node.js,NPM

Second Brain: A Centralized Knowledge Management Platform

- Developed **Second Brain**, an application that allows users to centralize and manage content from various sources like Twitter, YouTube, and Google Docs.
- Implemented the backend using **Express.js** and **Node.js**, and input validation with **Zod**
- Used **MongoDB** with **Mongoose** to efficiently manage and securely store content in the backend.
- Designed and developed a responsive frontend using **React.js** with **React Router DOM** for seamless client-side rendering and **Tailwind CSS** for an elegant and intuitive user interface.
- Implemented security measures such as **JWT** for authentication and password hashing to safeguard user data.
- **Technologies :** React.js, Express.js, Node.js, MongoDB, Mongoose, Zod, Tailwind CSS, JWT

COURSE WORK

- Database Management System
- Operating System
- Data Structures and Algorithm
- Python Programming
- Object Oriented Principles

HOBBIES

- **Coding Projects:** Building software solutions with various languages and frameworks.
- **Problem Solving:** Tackling challenges on platforms like LeetCode.
- **Continuous Learning:** Exploring emerging technologies engaging with interactive tutorials, and enrolling in cutting-edge courses.