Siva Panguluri

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Education

National Institute of Technology Delhi	Graduation 2027
Bachelor of Technology in Computer Science	CGPA: 8.14/10
Bhashyam college,Andhrapradesh	Class XII – 2023
Senior Secondary Education – Andhrapradesh Board	Percentage: 98.3%

Projects

Image Editor 🔗 — July 2025

- **Description:** A browser-based image editor enabling users to crop, rotate, flip, preview, and download images in real time using a fully client-side workflow.
- **Role:** Developed the complete interface and editing logic using HTML, CSS, and JavaScript, integrated Cropper.js and Canvas API to handle transformations and dynamic downloads.
- **Technologies Used:** HTML, CSS, JavaScript, Cropper.js, Font Awesome, Canvas API.
- **Outcome:** Built a responsive, lightweight tool with multi-aspect ratio support and icon-driven UI, enhancing usability and removing the need for backend processing.

E Commerce 🔗 — April 2025

- **Description:** A MERN stack e-commerce platform inspired by Blinkit, enabling product uploads, category management, and secure user workflows.
- **Role:** Solely handled the frontend in a group project; built responsive UI components, product listing views, login/registration, and cart-to-checkout flows.
- **Technologies Used:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB.
- **Outcome:** Delivered a scalable, production-ready frontend integrated with token-based authentication, admin dashboard features, and real-time user interactions to enhance accessibility and usability.

Currency Converter 🔗 — June 2024

- **Description:** Built a real-time currency converter web application using live exchange rate APIs with dynamic country flag updates and interactive UI.
- **Role:** Implemented exchange logic, flag rendering using JavaScript, HTML, and CSS, and consumed a public currency API asynchronously for accurate conversion.
- **Technologies Used:** HTML, CSS, JavaScript, REST API.
- **Outcome:** Delivered a fully functional, visually engaging currency converter with automatic flag switching, error validation, and responsive design.

Skills

- **Languages:** C/C++, SQL, JavaScript, HTML, CSS.
- **Frameworks & Libraries:** React.js, Node.js,Express.js
- **Expertise:** Data Structures and Algorithms, Web Development.
- **Tools:** Git, GitHub, MySQL, MongoDB, Unix/Linux, Jupyter Notebook, VSCode, Raptor.

Coding Profiles

LeetCode 🔗   **GeeksforGeeks** 🔗

Achievements

- Secured **All India Rank 9524** in JEE Main 2023 among over 13 lakh+ candidates, placing in the top **0.8 percent**
- Qualified for the prestigious **JEE Advanced 2023** and achieved **All India Rank 14420**.

Roles

- Volunteered in UBA cell

Coursework

- Courses: Object-Oriented Programming, Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Architecture and Organization, Artificial Intelligence, Software Engineering, SDLC.