

Pavan Sai Reddy Moola

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Education

National Institute of Technology Delhi <i>Bachelor of Technology in Computer Science</i>	Graduation 2027 CGPA: 7.73/10
Sri Chaitanya junior College, Vijayawada <i>Senior Secondary Education – Andhra Pradesh Board</i>	Class XII – 2023 Percentage: 97.5%

Projects

News Scraper & Analyzer [↗](#) June 2025

- **Description:** A Python tool for scraping and analyzing news articles from The Guardian, focusing on AI, politics, and climate-related content.
- **Role:** Solely developed data scraping, analysis, and reporting logic using pandas, BeautifulSoup, and ReportLab.
- **Technologies Used:** Python, pandas, BeautifulSoup, Matplotlib, ReportLab.
- **Outcome:** Automated Excel and PDF exports with charts and embedded images, enabling offline analysis and professional reporting.

Agrocraft April 2025

- **Description:** A web platform connecting farmers directly with buyers to simplify the supply chain and eliminate intermediaries.
- **Role:** Led frontend development using React.js; designed and implemented responsive, component-based UI.
- **Technologies Used:** React.js, Node.js, Express.js, SQL, Tailwind CSS, JavaScript, HTML.
- **Outcome:** Delivered a scalable, user-friendly interface with mobile-first design and secure backend integration.

Password Generator [↗](#) January 2025

- **Description:** A customizable password generator that allows users to select password length and character types dynamically.
- **Role:** Independently built the UI and logic using React.js and hooks for real-time customization and clipboard functionality.
- **Technologies Used:** React.js, Tailwind CSS, JavaScript.
- **Outcome:** Created an accessible, responsive tool with instant feedback, aiding users in generating secure passwords quickly.

Skills

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

Coding Profiles

[LeetCode](#) [↗](#)

[GeeksforGeeks](#) [↗](#)

Achievements

- Secured **All India Rank 11417** in JEE Main 2023 among over 13 lakh+ candidates, placing in the top **0.9 percent**
- Qualified for the prestigious **JEE Advanced 2023** and achieved **All India Rank 20801**.

Coursework

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