

Mekala Mounika  
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## EDUCATION

Degree	Specialization	Institute	Year	Score
BCA	Computer Applications	Annie Besant Women's Degree College	2025-Present	8.8 CPI
HSC	Physics, Chemistry, & Mathematics	Annie Besant Junior's Girl's College	2023	95.6%
SSC	-	Naive High School	2021	10.0 GPA

## WORK EXPERIENCE

- **Frontend Developer Intern** [*CODTECH IT SOLUTIONS*] Feb-Apr 2025
  - Built responsive web interfaces using React.js, Web Sockets, and JavaScript.
  - Improved cross-browser compatibility and reduced load time by 20%.
  - Created reusable UI components, enhancing scalability and maintainability.
  - Collaborated in Agile sprints and participated in code reviews.

## PROJECTS

- **Simon Says Game** [*Frontend – HTML, CSS, JavaScript*]
  - Built an interactive memory game testing user reaction speed and pattern recognition.
  - Implemented JavaScript logic for random sequence generation and user input validation.
  - Used DOM manipulation and event listeners for real-time gameplay.
  - Designed a clean, mobile-friendly UI using CSS transitions and animations for visual feedback.
  - Deployed project on GitHub Pages for public access and portfolio showcasing.
- **ZeroKd – Zerodha-Inspired Trading App** [*Full Stack: React.js, Node.js, Express.js, MongoDB Atlas, JWT*]
  - Developed a secure stock trading simulation platform with user authentication and cloud database integration.
  - Implemented JWT-based signup/login with cookie handling for persistent sessions and protected routes.
  - Designed RESTful APIs for trade actions, portfolio tracking, and user history using Express.js and MongoDB Atlas.
  - Styled responsive UI with Tailwind CSS and React components for seamless user experience.
  - Debugged backend issues including async/await flow, middleware errors, and API response handling.

## CERTIFICATIONS

- Web Development – Apna College ( Jul 2025 ) [[GitHub Link](#)]
- Python – IBM Cognitive Class ( Jul 2025 ) [[GitHub Link](#)]
- SQL – IBM Cognitive Class ( Aug 2025 ) [[GitHub Link](#)]

## TECHNICAL SKILLS

- **Languages:** Python, Java, C
- **Databases:** MySQL, PostgreSQL, MongoDB Atlas
- **Frontend:** HTML, CSS, JavaScript, Tailwind CSS, React.js, TypeScript, Redux, Bootstrap
- **Backend:** Node.js, MongoDB, Express.js, SQL, JWT, Microservices
- **Tools:** Git, VS Code, GitHub, Docker, Postman, Hopscotch, Thunder client
- **Other Skills:** Restful APIs, CI/CD pipelines, Cross Browser Compatibility, Agile Development

## Professional Summary

Full-Stack Developer pursuing a BCA with hands-on experience in MERN stack development, UI/UX design, and backend authentication. Skilled in React.js, Node.js, MongoDB, and Git workflows. Built and deployed scalable projects including a volunteer registration platform for Basti Ki Pathshala and a Zerodha-inspired trading app with secure JWT authentication and cloud database integration. Passionate about creating user-centric solutions that drive social impact and demonstrate technical resilience.