KOTHA VINUTHNA

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SUMMARY

Full Stack Developer with 6+ months of hands-on experience building web applications using the MERN stack and Java backend. Active member of my college's Data Science Club, collaborating on projects and hackathons. Proficient in front-end and backend development, database management, and deploying scalable web applications.

EDUCATION

B.Tech in Computer Science — BV Raju Institute of Technology	Expected Sep 2027
Intermediate (MPC) — Sri Chaitanya Jr Kalasala	May 2023

SKILLS

Frontend	HTML5, CSS3, JavaScript, React.js, Figma
Backend & Frameworks	Node.js, Flask
Databases	MySQL
Languages	JavaScript, Java, Python, C
Tools & Version Control	Git, GitHub, VS Code
Deployment	Netlify
Soft Skills	Team Collaboration, Leadership, Problem-Solving, Adaptability
Spoken Languages	English, Telugu, Hindi

PROJECTS

OMEGA - Investment Platform
`GitHub | Live`

A rule-based wealth management web app that simulates a digital financial advisor.

- Built a guided onboarding questionnaire capturing risk appetite, goals, budget, and investment horizon to feed a custom stock-scoring engine.
- Implemented real-time virtual portfolio tracking with advisor-style commentary logged for every action.
- Managed persistent application state entirely via `localStorage`, no backend, no build tools.

Sudoku
`GitHub | Live`

A clean, fully-featured Sudoku web app, no frameworks, no build step.

- Implemented puzzle generation, board validation, and hint logic entirely in vanilla JavaScript.
- Handled all UI state and game flow with pure DOM manipulation; zero external dependencies.

Shradha - Student Performance Predictor
`GitHub | Live`

A machine learning web app predicting a student's final exam grade from study habits, attendance, and background factors.

- Trained and evaluated a regression model using `scikit-learn`; exposed predictions via a `Flask` REST API.
- Integrated the Python ML backend with a vanilla HTML/CSS/JS frontend for end-to-end functionality.

EXTRA-CURRICULAR ACTIVITIES

- **National Service Scheme (NSS):** Participated in campus-wide service activities and community outreach events.
- **College Volleyball Team Captain:** Led the team to the finals of a national-level tournament.
- **Data Science Club Member:** Engaged in peer-learning sessions, hackathons, and applied data analysis challenges.