AMIREDDY VINAY KUMAR REDDY

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EDUCATION:

Visvesvaraya National Institute of Technology, Nagpur   **July 2017 - Sept 2021**
Bachelor of Technology, Chemical Engineering   *CGPA: 7.88*

SKILLS:

Technical Skills: Web Development.
Programming Languages: C, JavaScript, HTML, CSS
Databases: MongoDB, SQL
Libraries and Frameworks: React, Express, Node.js,
Tools: Git, Postman.

PROJECTS:

Vocabulary App:
MERN Stack
- Built both frontend and backend enabling users to efficiently study 500+ vocabulary words and definitions. Implemented features like flip cards and pagination to boost memorization through an intuitive interface.
- React front-end development, MongoDB back-end/database, REST API integration, user experience optimization.

Meal Finder Application:
React | 3rd Party API Integration
- Developed React front-end to consume and present meal API information with images and video links, ensuring smooth cross-device functionality.
- Async API requests, modern component-based architecture, responsive CSS principles for all screen sizes.

E-Commerce API:
Node.js | Express | MySQL
- Built core RESTFUL API functionality powered by Express + Sequelize for MySQL integration to manage product inventory/orders.
- Implementing CRUD endpoints, database integration for central data access, modular project structure for future expansion.

COURSEWORK:

GUVI-MERN Full Stack Web Development Bootcamp - Comprehensive full stack web development program covering front-end technologies like HTML, CSS, JavaScript, React, backend development with Node.js, databases, data structures and algorithms, and AWS cloud. Developed skills to build, deploy and scale complete web applications.

EXTRA-CURICULAR ACTIVITIES:

- Played badminton professionally for 3 years
- organized CHEMIX event as a second-year representative of IICHE students' chapter VNIT