Karthik Kodamanchili

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EDUCATION

National Institute of Technology, Silchar — Assam, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.28 — *July 2021 - Present*

Tirumala Junior College, Rajahmundary — Andhra Pradesh, India
HSC ; Percentage: 98 — *June 2019 - March 2021*

Sri Chaitanya Techno Schools, Bhimavaram — Andhra Pradesh, India
SSC ; GPA:10 — *June 2018 - March 2019*

EXPERIENCE

Satyendra Nath Bose, NIT Silchar — GITHUB
Web Development Intern — *May 2024-July 2024*

- Developed and designed a comprehensive e-learning website using the MERN stack, featuring user authentication, payment integration, and essential educational functionalities.
- Implemented features for managing courses, user administration, course progress tracking, and video lectures.
- Ensured cross-device compatibility with responsive design principles, utilizing ReactJS, ExpressJS, MongoDB, and Node.js for robust functionality and scalability.
- View Certificate

PROJECTS

NewsMonkey — GITHUB
Frontend Project(ReactJS)

- Developed a React-based news application that fetches and displays top headlines using the News API, with infinite scrolling for continuous updates.
- Designed a responsive user interface that showcases news items in a card format, including titles, descriptions, and publication details.
- Efficiently loads additional headlines as the user scrolls, with initial data fetched on component mount and updates handled through React state.

EasyEatsMart — GITHUB
Full Stack Project(MERN)

- Developed a full-stack e-commerce website featuring user authentication, product filtering, and cart management.
- Emphasized clean and minimalist CSS design for a strong frontend, with NodeJS, ExpressJS for backend operations, and MongoDB for database management.
- Implemented responsive design principles to ensure optimal performance across various devices.

SKILLS

- **Programming Languages**:   C, C++, Python (Intermediate)
- **Web Technologies**:   HTML, CSS,Javascript, ReactJS
- **Database**:   MongoDB,MySQL
- **Course Work**:   Data Structures and Algorithms,OOPS, Digital Image Processing
- **Soft Skills**:   Event Management, Adaptability, Flexibility, Time Management

CERTIFICATIONS & ACHIEVEMENTS

- Certificate of Internship Completion in Full Stack Web Development- ACADEMOR [May 2023-July 2023]Link
- Machine Learning Certification by Finlatics [June 2024-July 2024] Link
- Solved more than 1000 problems across various coding platforms that include Codeforces, Codechef, Leetcode, GeeksforGeeks, Coding Ninjas
- Qualified GATE 2024 and secured AIR 9965.

CODING PROFILES

- Leetcode: Karthik (Solved 500+ problems)
- GFG: Karthik

OTHER INTERESTS/EXTRACURRICULAR ACTIVITIES

- Actively participate in events conducted in College.
- Fitness and Gym