Krutika Patil

Pimpri Chinchwad, Pune

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Technical Skills

Databases: MongoDB, SQL
Technologies: Linux, APIs, Networking Concepts
Programming Languages: JavaScript, C++
Frameworks/Tools: ReactJS, Git, Figma, VS Code
OOP Principles: Classes, Objects, Inheritance, Polymorphism, Encapsulation
Core Concepts: Data Structures, Algorithms, Operating Systems

Experience

Aadi Foundation   2024
Web designer and Full Stack Web Developer Intern   *Remote*

- Developed and maintained scalable web applications with MongoDB and ReactJS.
- Designed and deployed a custom caching mechanism using innovative data structures, leading to a reduction in database access frequency by 40%, which improved system throughput and decreased latency for high-traffic functionalities.

Projects

RapidPost : BDANet for Disaster Damage Assessment | *Python, Satellite Imagery Analysis*   2024

- Developed a model for assessing disaster damage using high-resolution imagery, achieving 85% accuracy in impact analysis.
- Automated impact analysis and optimized rescue planning, reducing response times by 40%.

PressView | *ReactJS,MongoDB*   2023

- Aggregated headlines from state newspapers with a responsive UI, serving over 2,000 daily users.
- Implemented user authentication for personalized experiences, achieving a 90% user satisfaction rate.
- Enabled screenshot and annotation features for news content, resulting in a 25% increase in user retention..

Ruchi | *HTML, CSS, JavaScript*   2023

- Designed a recipe website with step-by-step instructions and vibrant visuals, attracting over 5,000 monthly visitors.
- Applied responsive design techniques for seamless access across devices, ensuring a 98% mobile usability score.

Relevant Coursework

- Data Structures and Algorithms in C++
- Web Designing
- Figma by Coursera
- Web development by Microsoft Learn

Leadership / Extracurricular

Geeks For Geeks Student Chapter PCCOER   2024
Design Head   *Pimpri Chinchwad College of Engineering and Research*

- Managed a team to create visually appealing designs for events, including posters and presentations.
- Embedded design-thinking practices into team projects, ensuring user-focused outputs.

Promethean Club PCCOER   2023
Technical Vice-President   *Pimpri Chinchwad College of Engineering and Research*
∗ Published the book 'Soulful Echoes: A Tapestry of Timeless Verses'.

Education

Pimpri Chinchwad College of Engineering and Research   **Present**
Bachelor of Science in Computer Engineering   *Pimpri Chinchwad, Pune*

Chavara English Medium School   2019
SSC 92.80   *Dhule*

Sri Chaitanya Junoir College   2021
HSC 90.50   *Pune*

Other Activities

- Volunteer for Training and Placement Drives.
- Design Head of GFGxPCCOER