GOVARDHAN KATTA

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PROFESSIONAL SUMMARY

Computer Science graduate (2024) with practical experience in full stack software development using React, Node.js, Express, and MongoDB. Skilled in object-oriented programming (Java), Agile methodologies, and RESTful API development. Proven ability to deliver scalable, maintainable solutions with strong problem-solving skills demonstrated through 300+ LeetCode challenges.

SKILLS

Languages   : Java, JavaScript (ES6+), Python, C++
Frontend   : HTML, CSS, React.js, Tailwind CSS, ShadCn
Backend   : Node.js, Express.js
Database   : MongoDB, MySQL
Tools   : Git, GitHub, RESTful APIs, Unit Testing, CI/CD, Debugging, SDLC, Postman
Core   : Software Development, Problem-Solving, API Integration, Responsive Design.

PROJECTS

Personal Portfolio
Tech Stack : JavaScript, React.js, JSON, Tailwind CSS
Live: https://govardhanportfolio.vercel.app/
Github : https://github.com/KattaGovardhan/govardhan-portfolio.git
- Developed and deployed a responsive portfolio web application using React.js to showcase projects, skills.
- Optimized assets and implemented lazy loading, reducing load time by 50%.
- Increased user engagement by 35% through interactive UI components and mobile-first design principles.
- Utilized modular JSON structures for dynamic rendering of skills and projects, improving scalability.
- Deployed using Vercel with version control (GitHub) for continuous updates.

Skin Cancer Detection Using Deep Learning
Tech Stack: Python, TensorFlow, Keras, OpenCV, Scikit-learn
GitHub: https://github.com/KattaGovardhan/Skin-Cancer-Detection-using-Deep-Learning.git
- Developed a CNN model using TensorFlow, Keras achieving 82% accuracy across 21 skin disease categories.
- Implemented OpenCV-based preprocessing, reducing image processing time by 25%.
- Built a Tkinter GUI for real-time predictions, enabling faster diagnosis.
- Used Git for version control and followed Agile development practices for iterative improvements.

WORK EXPERIENCE

Code Clause
Software Developer Intern | Remote   May 2023 - Jun 2023
Tech Stack: React.js, API Integration, Tailwind CSS, JavaScript
- Developed and deployed a web application using React.js ,RESTful APIs, improving API response by 30%.
- Implemented caching strategies and optimized fetch logic to enhance performance and scalability.
- Built reusable, modular React components, reducing code duplication and improving maintainability.
- Designed and tested responsive UI with error boundaries for cross-device compatibility and enhanced UX.
- Utilized Git for version control and followed Agile methodologies in a collaborative team environment.

EDUCATION

Bachelor of Technology in Computer Science   Aug 2020 – Jul 2024
GITAM University, Visakhapatnam

ACHIEVEMENTS AND CERTIFICATIONS
- Solved 300+ DSA problems on LeetCode (leetcode.com/govardhankatta)
- Introduction to Front-End Development - Coursera
- Software Development Processes and Methodologies - Coursera
- Database Management Essentials - Coursera