MANI PRAKASH

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SUMMARY

Enthusiastic and detail-oriented fresher with a solid grounding in web development and programming. Passionate about leveraging my skills in a dynamic, growth-focused environment. Dedicated to driving organizational success while continuously enhancing my professional capabilities.

EXPERIENCE

HyperVerge Technologies Private Limited   **July 2024 - August 2024**
Full Stack Developer Intern (On-Site)

- Designed and developed a scalable backend API service for a social media platform using Node.js, Express.js, and MongoDB, ensuring high-performance and RESTful architecture.
- Implemented unit testing and integration testing with generic error handling, increasing code quality and maintainability through test-driven development (TDD) principles.
- Integrated JWT-based authentication to enhance application security and conducted comprehensive API testing using Postman to ensure endpoint validation and API reliability.

HyperVerge Academy   **July 2023 - Present**
Web Development Fellowship (Hybrid)

- Developed proficiency in front-end technologies such as HTML, CSS, JavaScript, and ReactJS, building dynamic and responsive web applications.
- Gained expertise in back-end technologies, including NodeJS, ExpressJS, and MongoDB, to create full-stack applications with RESTful API design.
- Enhanced Power Skills, focusing on communication, problem-solving, and teamwork, contributing to effective collaboration in a professional environment.

EDUCATION

Anna University Regional Campus Coimbatore   **Sep 2022 - July 2025**
Bachelor of Engineering in Computer Science

- CGPA - 8.15
- Placement Representative of the Academic year 2023-2024

SKILLS

- **Programming Languages :** JavaScript, Java, Python, TypeScript (Basics)
- **Frameworks :** React JS, Node JS, Express JS, Tailwind CSS
- **Database :** MongoDB, SQL
- **Others :** Git & Github, System Design Fundamentals

PROJECTS

E - Commerce Website Link

Technologies Used : ReactJS, Tailwind CSS, NodeJS, ExpressJS, JWT Authentication

- Developed a full-stack E-commerce website with a user interface specifically designed for desktop use to enhance the shopping experience.
- Built a secure backend that implemented user authentication and created efficient APIs for seamless data handling.
- Integrated essential e-commerce functionalities, including product management, shopping cart, and order processing, ensuring a smooth and efficient user journey on desktop devices.

Valluvarin Kural Link

Technologies Used : ReactJS, Tailwind CSS

- Developed a Thirukural generator that displays a random Kural upon page refresh, enhancing user engagement and interaction through dynamic content delivery.
- Implemented a search functionality that allows users to find specific Thirukurals, providing meanings and educational insights into the text for improved user experience.
- Included detailed information for each Kural, such as the Kural number, Aadhikaram, and additional context, enriching the user's understanding of Thirukural literature and promoting cultural awareness.

Library Management System Link

Technologies Used : Java Jframe, SQL

- Developed a comprehensive Library Management System specifically designed for librarians to efficiently maintain and manage detailed records of library materials, patrons, and transactions.
- Utilized Java JFrame for an intuitive user interface and SQL for robust database management, ensuring data integrity, retrieval speed, and ease of access for library staff.
- Leveraged NetBeans IDE for development, implementing features such as book tracking and user account management, streamlining library operations and enhancing overall efficiency.

Weather Forecast App Link

Technologies Used : ReactJS, Tailwind CSS

- Developed a Weather Forecast App utilizing React and Tailwind CSS, integrating the OpenWeatherMap API to deliver real-time weather data and forecasts tailored to user location.
- Enhanced user engagement by incorporating a dynamic video functionality that adapts to the weather theme, providing a visually immersive experience that reflects current weather conditions and encourages user interaction.

Find Recipes App Link

Technologies Used : ReactJS, Tailwind CSS

- Created a Recipe Finder App using React and Tailwind CSS, enabling users to search for recipes based on available ingredients, thus improving meal planning and reducing food waste.
- Implemented an intuitive search functionality with filtering options that retrieves dish recommendations based on user input, promoting efficient cooking and enhancing user satisfaction through personalized culinary suggestions.

CERTIFICATIONS

- **Udemy :** JavaScript, HTML & CSS
- **Guvi :** Python, AI for India
- **MongoDB :** Introduction to MongoDB

ACHIEVEMENTS

- Received the **Best Team Leader** and **Best Initiator** awards from the **Tamil Nadu State Council for Science and Technology Conference (2023)**, recognizing leadership skills, initiative in project development.
- Served as an **Event Representative** for the GENIO 2K23 Symposium, effectively managing both online and offline registration desks to ensure seamless attendee experiences and organizational efficiency.

AREA OF INTEREST

- Full Stack Development
- Artificial Intelligence
- Machine Learning
- Computer Vision