Madhan Kumar K

Portfolio | LinkedIn
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EDUCATION

PANIMALAR INSTITUTE OF TECHNOLOGY
B.E in Computer Science
May 2025 | Chennai,TN
CGPA: 8.9/10

SUNBEAM SCHOOLS
Grad. May 2021 | Vellore,TN
Percentage: 91.67

PROFILES

Github: **madhannmady**
LinkedIn: **Madhan kumar.K**
Dribble: **Madhannmady**

SKILLS

WEB
HTML · CSS · Javascript

FRONT-END FRAMEWORK
React · NextJS

UI/UX DESIGN
Figma · Wireframing · Prototyping

LANGUAGES
Java · SQL

SOFT SKILLS
Teamwork · Communication · Adaptability · Creativity

COURSE WORK

ON GOING
Java DSA Bootcamp by Kunal Kushwaha

GRADUATE
Certified UI/UX Course from ZTM - Udemy

GRADUATE
Java OOPS - Scaler

EXPERIENCE

HINDUJA TECH LIMITED | Intern
Jul 2023 - Jul 2023 | Chennai,TN
- Learnt to work with a UI/UX Designing Tool called **Figma**.
- Designed some mockups and mobile responsive designs for both Web apps and Mobile apps.

TN GENERATION AND DISTRIBUTION CORPORATION | Trainee
Jul 2024 - Aug 2024 | Chennai,TN

- Developed and submitted a **User Management System** for 3 different types of users called Admin , Manager , Field Testers.
- Using PHP, created **Sessions** which is used to Validated and Authenticate Users of current State.
- Created a **Login Portal**, which verifies users everytime they log in.
- Created a database which shows the relevant data for each type of users individually using **SQL**.

PROJECTS

YOOM - VIDEO CALLING APP | Personal Project
April 2024

- With user management and authentication thanks to **Clerk**, users are allowed to create meetings.
- Tech Stacks: NextJs, Stream API, Tailwind CSS, Clerk

CRISISCONNECT CROWD-SOURCE DISASTER MANAGEMENT APPLICATION | College Project
May 2025

- Built a Disaster Safety App with React and Node.js, using the Ambee API for real-time disaster alerts in India.
- Added features like weather updates, user signup, SMS alerts, and an interactive map with React-Leaflet.
- Improved accessibility by integrating a chatbot for instant support and ensuring responsive design across devices.
- Tech Stacks: React , NodeJs , TailwindCSS , MongoDB , Twilio , Ambee

RESEARCH

[1] Spatial computing: Enhancing the walks of life using mixed reality - A Study on current AR/VR/MR development and the potential they hold on various industries.
Published this on **7th INTERNATIONAL CONFERENCE on INTELLIGENT COMPUTING.**

[2] Crowd-Sourced Disaster Management System: An Efficient Web-based Solution for Disaster Safety and Emergency Response.]
Published in the **International Journal for Scientific Research and Development (IJSRD), Volume 12, Issue 3, May 2025.**