Rajeshwari

rajeshwaridevendrakumar@gmail.com | 934.208.1679

EDUCATION

SRI RAAJA RAAJAN COLLEGE OF ENGINEERING
BE Computer Science Engineering
Karaikudi, Tamil Nadu   **CGPA:** 8.05
Graduation: May 2025

VELAMMAL MATRIC HR. SEC. SCHOOL
HSC - 2021
Madurai, Tamil Nadu   **Percentage:** 91%

VELAMMAL MATRIC HR. SEC. SCHOOL
SSLC - 2019
Madurai, Tamil Nadu   **Percentage:** 90%

SKILLS

LANGUAGES
Advance: Java | Python | HTML | CSS
Intermediate: JavaScript | Typescript

FRAMEWORKS & LIBRARIES
Node.js | React.js | Next.js | Express.js

DATABASE & TOOLS
Git | MongoDB | Firebase | SQL | Prisma | Sanity

TECHNICAL PROFILE

Github:// **Rajeshwari**
LinkedIn:// **Rajeshwari**
Portfolio:// **my-portfolio.vercel.app**

SOFT SKILLS

Technical: Problem-solving | Adaptability | Debugging
 Interpersonal: Communication | Team-work | Leadership

TECHNICAL SUMMARY

Proficient in MERN Stack | REST APIs | MySQL
Skilled in Git & GitHub | Responsive UI Design | Deployment (Vercel, Netlify)

CERTIFICATIONS

Web Development
Data Science

EXPERIENCE

COMMANDHQ | FULL STACK WEB DEVELOPER INTERN
Oct 2024 – Jan 2025 | Coimbatore, India

- Developed and maintained full-stack applications using Next.js, React, TypeScript, and Node.js with optimized performance.
- Built scalable backend systems with Prisma ORM, ensuring seamless database interactions and efficient API responses.
- Designed custom UI elements with Tailwind CSS, ShadCN UI, and Lottie animations for an engaging user experience.
- Revamped the platform's aesthetics with modern UI enhancements, improving usability and user engagement.
- **Tech Stack:** Next.js, React, TypeScript, Tailwind CSS, ShadCN UI, Node.js | **Database:** MongoDB, PostgreSQL, Prisma ORM

PROJECTS

ENHANCED CRIME HOTSPOT PREDICTION AND VISUALIZATION FOR WOMEN'S SAFETY | DEEP LEARNING-BASED PREDICTIVE SYSTEM
2025 | Personal Project

- Designed **Safety Locator**, a system to predict and visualize women-specific crime hotspots using historical data.
- Implemented the **Deep Explainable Decision Tree (XAI)** model for interpretable crime risk classification.
- Analyzed crime type, time, and location to generate high-risk area predictions with key performance metrics (accuracy, F1-score).
- Integrated **Google Maps API** to display dynamic heatmaps of predicted hotspots for public safety awareness.
- Built with **Python (TensorFlow, Scikit-learn)**, **Flask**, and **MySQL**; front-end using **HTML, CSS, Bootstrap**.

REAL-TIME CHAT APPLICATION | FULL STACK
2024 | Personal Project

- Built a fully responsive real-time chat application with authentication using React.js and Firebase.
- Implemented real-time messaging with Firestore, ensuring smooth and instant communication.
- Designed a sleek and user-friendly UI using Tailwind CSS for an engaging user experience.
- Optimized performance by structuring efficient database queries and managing state effectively.
- Followed best practices in authentication, security, and deployment for a scalable application.

PORTFOLIO WEBSITE | FULL STACK
2024 | Personal Project

- Built a personal portfolio using the **MERN stack** to showcase projects and skills.
- Designed a responsive UI with **React.js** and **Tailwind CSS**; backend with **Node.js, Express.js, and MongoDB**.
- Integrated a contact form via **Formspree** and deployed the site with SEO optimization.