Serene Dmello

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Portfolio | LinkedIn | GitHub

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript, SQL
Web Development: React.js, Node.js, Express.js, REST APIs, JWT, Socket.io, HTML5, CSS3, Tailwind CSS, Bootstrap
Databases & Tools: MongoDB, MySQL, PostgreSQL, Git, GitHub, Vite, Redux, NPM, Axios, Postman, Vercel, Appwrite

PROJECTS

BharatSecure | React.js, Tailwind CSS, Django, SQLite, GPS, NLP Chatbot | GitHub   Live Demo   Video Link
- Emergency response platform enabling incident reporting via text or voice, with optional anonymity and real-time alerts to relevant authorities.
- Features an AI-powered chatbot offering medical, emotional, and legal assistance, along with real-time heatmaps and incident categorization for prioritization.
- Built with GPS-based geolocation, NLP chatbot, and a mobile-first design for universal accessibility across all devices.

OrgFlow | React.js, Tailwind CSS, Node.js, Express.js, MongoDB | GitHub   Live Demo
- MERN-based task management system enabling managers to assign, monitor, and track employee tasks with due dates, statuses, and visual progress indicators.
- Includes secure role-based authentication with separate dashboards for managers and employees, featuring personalized task views and completion tracking.

BrightBuilds | React.js, Node.js, MongoDB, JWT, Tailwind CSS | GitHub   Live Demo   Video Link
- A full-stack platform for showcasing student-led creative coding projects aligned with UN SDGs, featuring public visibility, ratings, and detailed project info.
- Role-based dashboards for Students, Faculty, Admins, and Viewers enable project uploads, SDG tagging, mentorship, feedback, and leaderboard visibility.
- Includes project filtering by SDG/type, real-time feedback, secure login, detailed project pages with media, and admin moderation controls.

FlickHive | React.js, TMDB API, Tailwind CSS | GitHub   Live Demo
- Movie and series discovery app using TMDB API.
- Features trending sections, genre-based filters, watchlist, and trailer previews.

ACHIEVEMENTS

- **1st Place – Tech-Mania 2K25, L.S. Raheja College**   *Feb 2025*
  Won 1st place for presenting **BharatSecure**, a real-time women safety and incident reporting platform with AI-powered features and live demo.

- **1st Runner-Up – Oscillation Hackathon, Ashwamedh 2025 (VPPCOEVA)**   *Mar 2025*
  Awarded 1st Runner-Up for developing **TravelSafe**, an AI-powered travel safety system featuring risk forecasting, real-time safety scoring, blockchain-based reporting, and an AI chatbot.

- **Dual Track Winner – CODESTORM Hack 2025— GLOBAL (FIU)**   *May 2025*
  Won both **Track 1 (Cloud 9 Surge)** and **Track 4 (Startup Pitch Arena)** for building a multilingual, AI-powered public assistance platform with cloud-native scalability. Also received *Most Innovative* and *Best Design* awards among global participants.

EDUCATION

- **Fr. Conceicao Rodrigues College of Engineering**, Mumbai — **B.E. in Computer Engineering, CGPA: 9.51**   *2023–Present*

- **Vidyavardhini's Annasaheb Vartak College**, Mumbai — Science (HSC), **81%**   *2021–2023*