P.BREADLEE

Web Developer

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ABOUT ME

Web Developer skilled in building clean, user-friendly interfaces using HTML, CSS, JavaScript, React.js, Node.js, and Express.js. Experienced in solo and team projects, focusing on maintainable code, clear communication, and practical problem-solving. Proficient in integrating REST APIs and developing full-stack features, eager to learn new technologies and improve with every project.

EDUCATION

B.E. COMPUTER SCIENCE AND ENGINEERING
DMI Engineering College , Aralvaimozhi
CGPA: 7.6/10   2021-2025

Higher Secondary Certificate(HSC)
Mother Theresa Matriculation Higher Secondary School , Mylacode
Percentage: 85%   2019-2021

SKILLS AND TOOLS

- **Languages:** JavaScript (ES6+),
- **Frontend:** HTML5, CSS3, React.js
- **Backend:** Node.js, Express.js
- **API Handling:** REST APIs (Axios, Fetch, Postman)
- **Database:** MongoDB (with Mongoose)
- **Version Control:** Git, GitHub
- **Tools & Deployment:** Visual Studio Code, Postman, Vercel, Render, MongoDB Atlas
- **Soft Skills:** Problem-solving, Team collaboration, Communication

PROJECTS

Museum Chatbot Ticket Booking System (Full-Stack)
Built an interactive chatbot for booking museum tickets, guiding users to select museum, date, and number of tickets.Bookings are stored in MongoDB Atlas via an Express.js backend, returning a unique ticket ID for each booking.Frontend on Vercel and backend on Render, delivering a smooth user experience.
Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB Atlas, Vercel, Render

Movie Watchlist App (Full-Stack)
Developed a full-stack app with secure JWT-based authentication for user login/signup, enabling users to manage personal movie watchlists (add/remove/update). Integrated with the OMDb movie database via REST API to fetch movie details. Built using React.js, Express.js, MongoDB Atlas, and deployed frontend on Vercel and backend on Render to deliver a responsive, user-friendly experience.
Tech Stack: React.js, Node.js, Express.js, REST API, CSS, MongoDB Atlas, Vercel, Render

React Portfolio (Frontend)
Built a personal portfolio website with React.js to showcase my projects, skills, and achievements. Focused on creating a clean, responsive design for a smooth experience across devices. Deployed the site on Vercel for easy access.
Tech Stack: React.js, CSS, HTML, Vercel

IoT Network Intrusion Detection System
Developed a deep learning model to detect network intrusions in IoT devices using the UNSW-NB15 dataset. Implemented multiple models for accurate attack detection and integrated Twilio for real-time alerts. The system enhances IoT security with automated monitoring and notifications.
Tech Stack: Python, Twilio
GitHub: github.com/Breadlee05

INTERNSHIPS & CERTIFICATIONS

- **Web Development Intern** – Crescent Technosoft , Chennai, August 2024
  Worked on frontend UI fixes and contributed to website components using HTML, CSS, and JavaScript
- **Web Development Intern** – JClick Solutions , Nagercoil, June 2023
  Assisted in designing responsive layouts and improving user interfaces using HTML and CSS.
- **Software Testing** – NPTEL – May 2024
- **Recommender Systems** – NPTEL – May 2025
- **Languages**: English (Fluent), Tamil (Native)