Bhavani Murali

bhavani9271@gmail.com | +91-9653626712 | linkedin.com/in/bhavanimurali | github.com/bhavani-2710

Objective

Passionate software developer with expertise in **MERN stack**, **PostgreSQL**, and real-time applications, dedicated to building **secure, scalable and data-driven solutions**. Experienced in **API development, authentication, authorization, and data visualization**, with a strong problem-solving mindset and a commitment to delivering high-performance applications.

Education

Atharva College of Engineering, B.E. in Computer Engineering   August 2023 – Present
- CGPA: 9.78/10.0

PACE Junior Science College , H.S.C.   June 2022 – March 2023
- Percentage: 83 %

Projects

1. *ResQall - Voice Activated SOS App*   July 2025 – Present
- Developed a safety-focused mobile application that enables users to trigger emergency SOS alerts **through voice commands**. Integrated real-time location sharing, emergency contact notifications, and a minimal UI to ensure accessibility during critical situations.
- **Tools Used:** React Native (Expo), Tailwind CSS, Firebase, Zapier, Voice Recognition API

2. *SmartMinutes - AI Meeting Minutes Generator*   July 2025 – August 2024
- Built an AI-powered application that records meetings, transcribes audio, and **generates concise summaries**. Designed to improve team productivity by automatically extracting key points and action items from discussions.
- *Tools Used: React Native (Expo), Tailwind CSS, Firebase, Zapier, Hugging Face, AssemblyAI*

3. *Aptitude Test Portal*   December 2024 – May 2025
- Developed a high-performance backend with NodeJS and PostgreSQL, optimizing APIs for seamless CRUD operations. Built a **secure, real-time exam system** using **SocketIO**, with **JWT authentication** and **bcrypt hashing** for secure logins. Designed a scalable architecture with ReactJS and ExpressJS, ensuring optimal performance, security, and user experience. *Live Demo:* Click Here!
- *Tools Used: ReactJS, Tailwind CSS, NodeJS, ExpressJS, PostgreSQL*

Position of Responsibility

1. *Computer Society of India (CSI)* (Co-Commitee Member)   September 2024 – May 2024
- Contributed to the Aptitude Test Portal for secure assessments and organized CODECRAFT, a DSA, UI/UX, and CTF triathlon, integrating QR band authentication to foster a tech-driven community.

2. *RHYTHM 2024 – Cultural Fest* (Volunteer in Digital Creative Team)   February 2024 – April 2024
- Designed Instagram posts, celeb bytes, and certificates to enhance branding for 'HOGWARTS – Embrace the Magic Within You,' collaborating with the creative team to deliver engaging digital content.

Skills

Technologies: MongoDB, MySQL, HTML5, CSS, JavaScript, React.js, React Native, Firebase, Typescript, Node.js, Tailwind CSS, Power BI

Certifications:
1. *Node.js, Express, MongoDB & More: The Complete Bootcamp* - Udemy | Apr 2025
2. *The Joy of Computing Using Python* - NPTEL SWAYAM MHRD | Nov 2024
3. *Demystifying Networking* - NPTEL SWAYAM MHRD | Oct 2024
4. *JavaScript Algorithms and Data Structures (Beta)* - freeCodeCamp | Oct 2024
5. *Responsive Web Design* - freeCodeCamp | Sep 2024
6. *Programming, Data Structures and Algorithms using Python* - NPTEL SWAYAM MHRD | Apr 2024