Bhavani Murali

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Professional Summary

- Full Stack Developer experienced in the **MERN stack, React Native, and PostgreSQL**, building secure and scalable applications.
- Skilled in **API development, real-time applications, and data visualization** with tools like **Power BI**.
- Proficient in **Agile Scrum practices**, enabling effective teamwork and project delivery.
- Strong problem-solving mindset with a focus on delivering efficient and user-friendly solutions.

Education

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

PACE Junior Science College, HSC — June 2021 – Mar 2023
– Percentage: 83%

MKVV International Vidyalaya, CBSE — Apr 2011 – Mar 2021
– Percentage: 96.40%

Professional Experience

SDE Intern, Atharva College of Engineering – On-site — Jan 2025 – Mar 2025

- Built and optimized secure RESTful APIs using Node.js (Express.js) with PostgreSQL backend, improving query efficiency by ~30%.
- Implemented role-based access control and exam filtering logic, ensuring 100% compliance with authorization rules across 3 user levels (Admin, TPO, Student).
- Led a small team of web developers, ensuring timely delivery of backend and frontend modules.

Project Intern, Engineering Minds – Remote — July 2024 – October 2024

- Developed a capstone project **Student Fee Receipt System** with 5+ functional modules, reducing manual data entry by 40%.
- Applied Java 22 and NetBeans to streamline workflows, cutting processing time from minutes to seconds.

Projects

- **ResQall - Voice Activated SOS App** — July 2025 – Present
  – Enabled users to trigger SOS alerts through voice commands, reducing emergency response time by over 50%.
  – Integrated real-time location sharing and contact notifications, ensuring critical alerts were delivered in <40 seconds.
  – Tools Used: React Native (Expo), Tailwind CSS, Firebase, Zapier, Voice Recognition API

- **SmartMinutes - AI Meeting Minutes Generator** — Aug 2024 – July 2025
  – Automated meeting transcription and summarization, saving teams ~2 hours/week in manual note-taking.
  – Generated concise summaries with 70%+ accuracy.
  – Tools Used: React Native (Expo), Tailwind CSS, Firebase, Zapier, Hugging Face, AssemblyAI

- **Aptitude Test Portal** — Dec 2024 – May 2025
  – Built a secure, real-time exam system using Socket.IO, with JWT authentication and bcrypt hashing.

- Scaled exam portal to support 500+ concurrent users.
- Optimized PostgreSQL queries, improving CRUD operations by 35%.
- 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

- Frontend: HTML, CSS, JavaScript, React, React Native, Vite, Tailwind CSS
- Backend: Node.js, Express.js
- Database: MongoDB, Firebase, PostgreSQL
- Other Tools: Git, GitHub, REST APIs, VS Code, Power BI
- Soft Skills: Problem-Solving, Team Collaboration, Adaptability, Time Management

Courses and Certifications

- Node.js, Express, MongoDB & More: The Complete Bootcamp – Udemy (Apr 2025) [Link]
- The Joy of Computing Using Python – NPTEL SWAYAM (Nov 2024) [Link]
- Demystifying Networking – NPTEL SWAYAM (Oct 2024) [Link]
- JavaScript Algorithms and Data Structures – freeCodeCamp (Oct 2024) [Link]
- Responsive Web Design – freeCodeCamp (Sep 2024) [Link]
- Programming, Data Structures and Algorithms using Python – NPTEL SWAYAM (Apr 2024) [Link]