Benaka Prasad M

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Professional Summary

I am an aspiring Full Stack Developer with a strong foundation in the MERN stack (MongoDB, Express.js, React, Node.js) and a passion for building seamless, efficient, and user-focused web applications. Adept at translating ideas into responsive and scalable digital solutions that prioritize performance, data privacy, and intuitive user experiences. Driven by curiosity and continuous learning, I aim to leverage technology to solve real-world problems through clean architecture, optimized backend systems, and engaging front-end design.

Education

Global Academy Of Technology, Bangalore   July 2027(Expected)
Information Science and Engineering,
5th Semester : In Progress | CGPA : 8.91

RNS Vidyanikethan Composite PU College, Bangalore   September 2023
State Board(PU) | GPA : 86.17

Bunts Sangha RNS Vidyanikethan, Bangalore   October 2021
ICSE Board | GPA : 84.13

Technical Skills

- **Languages :**   C, JAVA, Python, SQL, HTML5, CSS3, JavaScript.
- **Frameworks :**   Node.js, Express.js, Websockets.io, React.
- **Tools :**   MongoDB, MySQL, Git, GitHub.
- **Platforms :**   PyCharm, Visual Studio Code, IntelliJ IDE.
- **Soft Skills :**   Problem Solving, Communication, Adaptability, Task Prioritization, Teamwork.

Academic and Technical Projects

Child Vaccination Remainder and Management System | Backend
Tech Stack: Flutter (Frontend) | Node.js, Express.js (Backend API) | MongoDB Atlas (Database) | Twilio (SMS API) | Gmail SMTP with OAuth2 | Cron Jobs.

- Developed an automated reminder and notification system using Node.js, Express, and Cron Jobs to manage upcoming and overdue vaccination alerts.
- Integrated Twilio SMS API and Gmail OAuth2 for secure, multi-channel message delivery via SMS and email.
- Built a reliable notification pipeline with error handling, scheduling, and API endpoints for the Flutter frontend.
- Ensured data security and privacy through encrypted credentials and secure API authentication while managing sensitive parent-child records.

Bingo Multiplayer Game
Tech Stack: Node.js | Express.js | WebSockets | HTML | CSS | JavaScript

- Developed a real-time Bingo game using WebSockets, supporting both solo and multiplayer modes with live number synchronization and instant updates.
- Designed a modern, intuitive UI featuring Start and Mode Selection screens, room creation, and fair coin-toss matchmaking.
- Optimized server performance and low-latency communication to ensure smooth, responsive, and engaging gameplay.

Certificates

- Certificate of Participation — IBM Z Datathon, October 11, 2025
- Software Engineering Job Simulation — J.P. Morgan Chase & Co., September 4, 2025
- Green Sunday Volunteer Program — Adamya Chetana, October 20, 2024
- Artificial Intelligence Foundation Certification — April 4, 2024