Gurushant J Matti

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Professional Summary

Full-stack developer experienced in building and shipping real-time and AI-integrated web applications. Proficient in API design, authentication, and prototyping.

EDUCATION

New Horizon College Of Engineering   Bengaluru, KA, IN
BE - Computer Science Engineering (CGPA − 8.07)   *Dec 2023 – May 2026*

KLS VPP   Belgaum, KA, IN
Diploma in computer Science(CGPA-9.45)   *May 2023*

TECHNICAL SKILLS

Languages: JavaScript, Java (OOP)

Frontend: React, Redux, Vite

Backend: Node.js, Express.js, REST API design

Databases: MongoDB, MySQL

DevOps / Tools: Git, Docker (basics), Postman, Render

PROJECTS

Humora | Mood-based Music Recommendation App | React, Node.js, Express, MongoDB, Machine Learning

- Integrated emotion detection model achieving **~85% emotion classification accuracy**.
- Reduced initial load time by **40%** using Vite.
- Designed secure APIs for playlist personalization; **increased session duration by ~30%** in tests.

PixelWhisper | Secure Authentication Backend | Node.js, Express.js, MongoDB, JWT

- Delivered modular authentication service supporting **multi-client integration** (web + mobile).
- Enforced strong validation and hashed credentials, reducing security risks **100% vs. plaintext**.
- Built fault-tolerant routing + retry logic, improving request reliability from dev tests by **25%**.
- Designed API documentation enabling onboarding **<15 min** for new consumers.

NeuroSphere – Full Stack AI Chat Platform | React, Redux, Node.js, Express, Socket.io, MongoDB, Pinecone

- Architected & deployed a real-time AI messaging platform handling **500+ socket events/minute**.
- Improved search relevancy by **70%** using Pinecone neural embeddings for semantic matching.
- Reduced API response latency by **35%** through optimized request patterns and indexing.
- Implemented JWT access control + middleware to eliminate unauthorized access attempts.
- Deployed the full stack application on **Render** for reliable and scalable hosting.
- Link - http://ai-chatbot-1-qxr6.onrender.com