

GIRIDHAR MALAGI

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PROFESSIONAL SUMMARY

Full-stack developer specializing in AI integration with **2+ projects** serving **1,500+ users**. Reduced operational inefficiencies by **15-20%** through automation and data-driven solutions across manufacturing and civic tech domains. Built enterprise-grade systems using React, Node.js, MongoDB, and AI APIs including Google Gemini. Experienced collaborator in cross-functional environments, consistently delivering measurable results.

EDUCATION

BE in Electronics and Communication

BLDEA's V.P. Dr. P.G. Halakatti College,
Vijayapura

CGPA: 7.5/10 | Jul 2025

- **Coursework:** Data Structures, ML, Statistical Analysis, Database Management

TECHNICAL SKILLS

Languages:

JavaScript, Python,
C++, SQL

Frontend:

React.js,
Tailwind CSS,
HTML5, CSS3

Backend: Node.js,
Express.js, Redis,
BullMQ

Databases:

NeonDB,
PostgreSQL, MySQL

AI & Data: Gemini
API, Power BI,
Pandas, TensorFlow

Tools: Git, VS Code,
Vercel, Render,
HubSpot

CERTIFICATIONS & EXPERIENCE

Virtual Intern – Machine Downtime Optimization

360DigitMG/AiSPRY | Remote | Feb 2025 - Mar 2025

- Analyzed manufacturing data across **3 production lines**, identifying key bottlenecks contributing to **15% reduction** in idle time
- Partnered with **5-member** cross-functional engineering team implementing data-driven solutions under NDA
- Built automated reporting system processing **10,000+ data points daily**, reducing manual work by **60%** using Python
- Delivered presentations to **10+ stakeholders** including senior management, driving process optimization initiatives
- Performed root cause analysis on **25+ equipment failures**, contributing to **20% improvement** in predictive maintenance

PROJECTS

SaarathiLead – AI-Powered Sales Lead Management Platform | React, Node.js, MongoDB, Redis

[Live Demo](#) | [GitHub Repository](#)

- Engineered AI-driven SDR automation system for lead generation, enrichment, and personalized outreach across **500+ leads**
- Architected full-stack solution with RESTful APIs managing **20+ campaigns** and CRM synchronization with HubSpot/Salesforce
- Leveraged Google Gemini API for AI-powered email generation, boosting engagement efficiency by **40%**
- Constructed real-time dashboards tracking message status for **1,000+ emails**, monitoring campaign effectiveness metrics
- Executed task queues using Redis and BullMQ processing **100+ jobs/hour** for lead enrichment workflows
- Streamlined lead scoring algorithm processing **50+ data points** per lead, improving conversion rates by **25%**

CiviTrack – Civic Issue Reporting Platform | React, Node.js, PostgreSQL, AI Chatbot

[Live Demo](#) | [GitHub Repository](#)

- Spearheaded development of full-stack MERN application serving **1,000+ users** for civic issue reporting and community governance
- Optimized ImageKit CDN integration processing **500+ images monthly**, improving media load times by **65%**
- Partnered with **3-member team** deploying email service achieving **98% delivery rate** across **2,000+ notifications**
- Architected and deployed RESTful APIs handling **10,000+ requests/month** via Render, maintaining **99.9% uptime**
- Launched AI chatbot using Gemini API resolving **200+ user queries** with **85% accuracy** in automated responses
- Established geolocation-based issue mapping feature tracking **150+ civic issues** across **5 neighborhoods**