

Gnana Sai Krishna

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FULL STACK DEVELOPER

As a working professional with 2.3 years of experience in the Full Stack domain, I possess excellent problem-solving skills and the ability to work well in a team. I am passionate about coding and eager to learn new technologies.

TECHNICAL SKILLS

Languages	: JavaScript, Bootstrap, HTML, CSS
Frameworks	: React.js, Express, Node.js, React-Native
Libraries	: Material-UI, Redux, React Router
Databases	: MySQL
Dev Tools	: Visual Studio Code, Git, PostMan, Adobe XD

EXPERIENCE

Senior Engineer <i>Microland</i>	Sep 2022 – Present <i>Remote – Bangalore, Karnataka, India</i>
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- IIOT CSO Domain: Worked on Remote Monitoring Application.
- Developed SaaS applications using wide range of front-end and back-end skills like HTML5, CSS3, JavaScript, React, Node, React-Native.
- Worked on more than 3 applications including smart facilities, connected products, pallet tracking.
- Understanding the functional aspects of the Client's requirements and provide them solution's in a timely manner.

Graduate Engineer Trainee <i>Microland</i>	Jan 2022 – Sep 2022 <i>Remote – Bangalore, Karnataka, India</i>
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- Trained in various technologies like JavaScript, React, React-Native TypeScript, Node.js, Express, Rest API, Power BI, Thingworx.
- Worked on a full stack project end to end and hosted in Azure.

EDUCATION

G Pullaiah College Of Engineering and Technology <i>Bachelor of Electronics and Communications</i>	Kurnool, Andhra Pradesh, India <i>July 2016 – march 2021</i>
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Narayana Educational Institutions <i>Intermediate</i>	Kurnool, Andhra Pradesh, India <i>June 2014 – march 2016</i>
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Sri Lakshmi High School <i>SSC</i>	Kurnool, Andhra Pradesh, India <i>May 2013 – April 2014</i>
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PROJECTS

Smart Facility	<i>React, Material-UI, Redux</i>
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- Led front-end development for a user-friendly Smart Facility Management Dashboard.
- Integrated advanced KPIs and interactive filters for real-time monitoring.
- Implemented an annotation system to facilitate collaborative insights.
- Resulted in enhanced efficiency, cost savings, and streamlined communication.

Remote Monitoring	<i>React, Material-UI, Redux</i>
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- Developed and enhanced KPI Dashboard with dynamic color change functionality.
- Implemented drag-and-drop feature for KPIs and cards positioning, improving user interaction and data visualization.

- Collaborated with cross-functional teams for seamless integration and delivered a user-friendly dashboard for effective business performance monitoring.

Microsoft Teams Chat Bot

JavaScript, Bot Framework

- Developed and deployed a Microsoft Teams bot using Azure Bot Service, demonstrating proficiency in cloud-based bot development.
- Created an Azure Bot resource to host the bot, incorporating best practices for scalability and reliability.
- Implemented secure communication by running Ngrok and configured the messaging endpoint for seamless integration with Teams.
- Successfully packaged and uploaded the bot's manifest as a zip file to Microsoft Teams, enabling smooth integration and distribution.

Generative Open AI

React, Azure Cognitive Search Service, Redis, Node.js

- Implemented a Q and A system using Azure services and OpenAI for semantic analysis, Managed unstructured documents (PDF, DOCX, TXT) stored in Azure Storage.
- Utilized Azure Form Recognizer to extract relevant paragraphs from documents, implemented optional translation using Azure Translator for multilingual support.
- Employed Azure OpenAI Service for semantic analysis and paragraph embeddings, integrated Redis Search for efficient storage and retrieval of embedded vectors.
- Developed a dynamic system to retrieve top K paragraphs based on semantic relevance, utilized the selected paragraphs as input prompts for Azure OpenAI, generating precise answers.

CERTIFICATIONS

- JavaScript Certificate by HackerRank
- React Certificate by HackerRank