

SAGAR PUPPALA

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Kakinada, Andhra Pradesh - 533434, India

PROFESSIONAL SUMMARY

Motivated Software Developer skilled in React.js, JavaScript, and Python, with hands-on experience in developing responsive, API-driven web applications. Familiar with Node.js, Express.js, and MongoDB, and proficient in writing clean, efficient, and maintainable code. Completed real-world projects like ChatVerse AI and Email Validation System, demonstrating problem-solving, adaptability, and practical application of modern web technologies. Eager to contribute to software and IT service development while continuously learning and delivering high-quality solutions.

INTERNSHIP EXPERIENCE

- **Technical Hub Pvt Ltd** May 2023 - July 2023
Python Developer Intern Surampalem, India
 - Developed Python solutions applying OOP concepts, exception handling, file handling, and MySQL integration, ensuring clean and efficient code practices.
 - Successfully completed the IT Specialist Certification in Python, demonstrating strong proficiency in core programming concepts and problem-solving.
- **SkillDzire** May 2024 - July 2024
Embedded Systems Intern Remote
 - Designed and tested microcontroller-based embedded applications, applying logic-building and debugging skills.
 - Gained hands-on experience in hardware-software integration, documentation, and structured development practices.

EDUCATION

- **Aditya College Of Engineering and Technology** November 2021 - May 2025
Electronics and Communication Engineering Surampalem, India
 - CGPA: 7.08
- **Narayana Junior College** June 2019 - March 2021
Intermediate Kakinada, India
 - CGPA: 9.20
- **ZPP High School** June 2018 - March 2019
Secondary Education Vetlapalem, India
 - CGPA: 9.70

PROJECTS

- **ChatVerse AI** November 2025
Tools: React.js, JavaScript (ES6+), Google Gemini API, Modern UI/UX (CSS3, Responsive Design) <https://chat-verse-ai.vercel.app/>
 - Developed a GPT-style AI chatbot using React.js and Google Gemini API, enabling intelligent, real-time, and context-aware responses for automated query handling.
 - Implemented React Hooks, async/await, and Fetch API for efficient state management, smooth data flow, and stable performance under network variations.
 - Integrated LocalStorage to preserve chat history across sessions, improving usability and user engagement without backend dependency.
 - Designed a responsive glass-morphism UI that enhances accessibility and demonstrates practical AI integration for customer support and digital-assistant applications.
- **Email Validation System** September 2024
Tools: HTML, CSS, JavaScript <https://gangabalasagar.github.io/Email-Validation/>
 - Built an Email Validation web app using HTML, CSS, and JavaScript with responsive UI and real-time validation.
 - Integrated a third-party API to ensure accurate email verification, improving data quality and reliability.
- **Live Code Editor** July 2025
Tools: HTML, CSS, JavaScript <https://gangabalasagar.github.io/Live-Code-Editor/>
 - Developed a real-time code editor using HTML, CSS, and JavaScript, simulating a mini IDE with live preview.
 - Implemented dynamic DOM manipulation to render user-written code instantly with a responsive interface.

SKILLS

- **Web Development:** HTML, CSS, JavaScript, ReactJS, Responsive Design.
- **Backend And Databases:** Node.js, Express.js, MongoDB, SQL (Basics).
- **Programming:** Python, Java(Basics).
- **Tools And Platforms:** Git, GitHub, VS Code, MS Office Suite (Word, Excel, PowerPoint, Outlook)
- **Soft Skills:** Collaboration, Communication, Analytical Thinking, Problem-Solving, Time Management, Attention to Detail, Adaptability.

EXTRACURRICULAR AND CERTIFICATIONS

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| • Pearson IT Specialist Certification – Python | <i>April 2023</i> |
| • Pearson IT Specialist Certification – HTML,CSS | <i>November 2024</i> |
| • Pearson IT Specialist Certification – JavaScript | <i>January 2024</i> |
| • Tata GenAI Data Analytics Simulation (Forage) | <i>June 2025</i> |