

Anil Kumar Reddy

Genupula

Software Engineer

anil.genupula@gmail.com • +91 83411 71711

www.linkedin.com/in/anil-kumar-reddy-genupula • Hyderabad, India

Results-driven Software Engineer with 5.8 years of expertise in MERN stack development, specializing in React, Node.js, Express.js, and MongoDB. Proficient in JavaScript, Python with a strong track record of integrating MySQL and PostgreSQL databases. Skilled in software requirements analysis and search engine optimization, consistently exceeding client expectations through effective collaboration. Adept at leveraging Restful APIs to deliver high-quality, scalable solutions.

Professional Experience

EnLume Technologies, Hyderabad
Software Engineer

July 2022 — Present

- Boosted application performance for scalability, achieving significant load time reduction and higher user engagement through optimized code and resource management.
- Developed responsive web designs leveraging CSS frameworks like Bootstrap and JavaScript to ensure optimal functionality across devices and screen sizes.
- Integrated SEO best practices into web projects, increasing search engine visibility and rankings with optimized meta tags, alt attributes, and structured markup.
- Led skill-building workshops for junior developers, enhancing team capabilities in JavaScript, MERN stack, and responsive design, fostering a growth-focused environment.
- Streamlined documentation processes, creating comprehensive guides and troubleshooting resources to facilitate efficient project handovers and future updates.
- Implemented robust security measures with features like JWT authentication, role-based access control, and data encryption to safeguard user data and privacy.
- Collaborated across teams to align user requirements with technical solutions, resulting in measurable improvements in product performance and user satisfaction.
- Applied Agile methodologies through active participation in sprint planning, daily stand-ups, and retrospectives, ensuring timely feature releases and continuous process improvements.
- Managed and optimized database schemas for MongoDB and MySQL, conducting data migrations and integrity checks to support evolving application needs.
- Built secure and efficient RESTful APIs, adhering to REST principles to facilitate smooth and secure data exchange between client and server.
- Developed Web applications using the MERN stack, enhancing user engagement and application functionality through streamlined front-end and back-end integration.
- Conducted thorough code reviews and enforced best practices in version control, ESLint, and testing, promoting a culture of knowledge sharing and high-quality code.
- Performed feasibility and requirements analyses for new applications, aligning technical needs with resource capabilities to support successful project planning and delivery.
- Developed and deployed model inference for Hugging Face NLP models, including fine-tuned custom models, using Flask.
- Deployed React apps via GitHub CI/CD and used AWS S3, CloudFront, and Amplify for hosting.

Walking Tree Technologies, Hyderabad
Software Engineer

May 2019 — July 2022

- Developed interactive and visually engaging web pages using JavaScript, HTML, and CSS, enhancing user experience and engagement.
- Adapted to emerging web technologies and frameworks to stay current in a rapidly evolving tech landscape, ensuring cutting-

edge project solutions.

- Collaborated with back-end teams to integrate APIs seamlessly, delivering consistent functionality across platforms and enhancing the user journey.
- Prioritized web accessibility standards, ensuring that all projects meet compliance requirements and support inclusive for diverse user needs.
- Conducted rigorous testing and debugging to identify and resolve issues efficiently, ensuring high-quality web application performance.
- Maintained comprehensive front-end documentation, establishing best practices and guidelines to promote team alignment and consistency.
- Mentored junior front-end developers, sharing knowledge on best practices and techniques, and contributing to a high-performance team environment.
- Built dynamic web applications with the React framework, improving performance and creating interactive user experiences.
- Reviewed and optimized website code, leading to significant enhancements in performance, readability, and maintainability.
- Created a reusable component library, standardizing UI elements across projects to boost efficiency and maintain visual consistency.
- Researched and recommended new web technologies, ensuring websites remain modern, efficient, and aligned with industry trends.
- Optimized website load times through image compression and code minimization, resulting in faster, smoother user experiences.

Technical Skills

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|---------------|----------------|--------------|
| • ReactJS | • NodeJS | • JavaScript |
| • TypeScript | • Express | • MySQL |
| • MongoDB | • PostgreSQL | • Python |
| • React Redux | • React Native | • AWS |

Projects

GE - Renewable Energy

GE - Renewable Energy is a visual representation of renewable energy generated by turbines, windmills and solar panels. The data captured through various parameters like wind speed, turbine status, turbine rotation etc will be gathered and shown on the UI.

Netskope

NetSkope will automate the device security at IoT level. Automated discovery of devices over network and scan the device and identify the threats, issues and try to alert and rectify them, a unique device identifier and authenticity rating technology, to discover managed and unmanaged devices on your corporate network. The solution analyzes hundreds of parameters from the discovered devices and leverages the rich contextual intelligence for device classification, risk assessment, granular access control and network segmentation, facilitating zero trust security for the connected devices.

Education

B.Tech

Malla Reddy Institute of Technology, Hyderabad