



SAILESH SIRAGARAPALLI

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SUMMARY

Results-driven Full Stack Developer with hands-on experience in building, optimizing, and deploying scalable web applications. Proficient in Python, JavaScript, React.js, SQL, and MongoDB, with exposure to backend integration and REST APIs. Strong problem-solving ability, quick learner, and effective collaborator in agile environments. Seeking opportunities as a Full Stack Developer / Software Engineer.

WORK EXPERIENCE

React.js Developer | Idzigns **June 2025 – Present**

- Developed and enhanced responsive web applications using React.js, JavaScript, and REST APIs.
- Integrated frontend components with backend services to deliver production-ready features.
- Collaborated with backend developers, UI/UX designers, and QA teams in an agile environment.
- Improved application usability, performance, and cross-device compatibility.

Front-End Developer Intern | Techally Labs **May 2024 – June 2024**

- Built and optimized frontend components using modern web technologies.
- Quickly learned new tools and frameworks to meet project requirements.
- Delivered high-quality solutions supporting digital transformation initiatives.

EDUCATION

B.Tech in Information Technology **Nov 2022 – May 2026**

Vignan's Institute of Information Technology

- GPA: 8.0

PROJECTS

Knee Osteoarthritis Prediction System

- Built a machine learning pipeline to predict knee osteoarthritis using clinical and imaging data.
- Applied feature engineering, model evaluation, and hyperparameter tuning to improve accuracy.

GAN-Based Diabetic Retinopathy Detection

- Designed a deep learning solution using GANs to augment retinal image datasets.
- Trained CNN models to improve robustness and sensitivity for early disease detection.

Personal Portfolio Website

- Designed and developed a responsive portfolio website using React.js and Tailwind CSS.
- Implemented SEO-friendly, mobile-first design and deployed via GitHub Pages.
- Showcased projects, skills, and achievements with smooth navigation and resume download support.

ACHIEVEMENTS & ACTIVITIES

- Organized and conducted a workshop on AWS cloud services for college students.
- Coordinated a 24-hour hackathon, promoting innovation, teamwork, and problem-solving.

TECHNICAL SKILLS

- Programming Languages:** Python, JavaScript, Java, C++, C
- Frontend Technologies:** React.js, HTML5, CSS3, Tailwind CSS, Responsive Web Design
- Backend & Databases:** SQL, MySQL, PostgreSQL, MongoDB, SQLite
- Tools & Platforms:** Git, GitHub, Firebase, Google Cloud Platform, VS Code
- Other Skills:** REST APIs, Prompt Engineering, Code Optimization
- Soft Skills:** Problem Solving, Analytical Thinking, Strong Communication, Adaptability, Ownership, End-to-End Project Execution