

Sailesh Siragarapalli

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Summary

Results-driven Full Stack Developer skilled in Python, C++, C, and JavaScript, with experience building and deploying web applications using React, Tailwind CSS, SpringBoot, and Flask. Proven ability to quickly learn new technologies, optimize performance, and collaborate with cross-functional teams to deliver production-ready, high-quality solutions. Seeking Full Stack Developer or Software Engineer roles in fast-paced, innovation-driven environments.

Skills

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

Education

Vignan's Institute Of Information Technology, BTech in Information Technology

Nov 2022 – May 2026

- GPA: 8.0

Experience

React.Js Developer,Idzigns

June 2025 – Present

- Completed a competitive, stipend-based internship developing and enhancing React.js web applications with backend integration, delivering high-impact, production-ready features.
 - Developed and enhanced responsive web applications using React.js, JavaScript, and REST APIs, improving user experience and reliability.
 - Collaborated with backend developers, UI/UX designers, and QA to translate requirements into scalable features and deliver sprints on time.

Front-End Developer Intern, Techally Labs

May 2024 – June 2024

- Worked as an intern in a dynamic team, rapidly mastering new technologies and consistently delivering high-quality solutions that supported digital transformation and business objectives.

Achievements and Accomplishments

- Organized and conducted a comprehensive workshop introducing AWS services to a diverse group of college students, aiming to bridge the gap between theoretical knowledge and practical application in cloud computing.
 - Conducted a 24-hour hackathon, fostering innovation and teamwork among participants.

Projects

Novel Method to Predict Knee Osteoarthritis

- Engineered a machine learning pipeline to predict knee osteoarthritis risk using clinical and imaging features.
- Evaluated multiple models, tuned hyperparameters, and improved prediction accuracy using feature engineering and cross-validation.

GAN-Driven Diabetic Retinopathy Detection

- Designed a deep learning workflow leveraging GANs to augment retinal image datasets for diabetic retinopathy detection.
- Trained and tested CNN-based classifiers on augmented data, increasing model robustness and sensitivity for early-stage detection.

Portfolio Website – Personal Branding Project Showcase

- Designed and developed a responsive personal portfolio website using React.js and Tailwind CSS to showcase projects, technical skills, and achievements with modern, engaging UI/UX.
- Implemented SEO-friendly, mobile-first design and deployed on GitHub Pages with smooth navigation, project filtering, and downloadable resume support for seamless access across devices.