

Suraj Lokesh

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Profile

Computer Science graduate with over two years of experience as a Software Engineer, proficient in Agile and Waterfall development methodologies. Innovative Full-Stack Engineer with expertise in Java, Spring Boot, React, TypeScript, and AWS. Passionate about building scalable, high-performance applications with seamless front-end and backend integration.

Professional Experience

Lid Vizion, LLC.

August 2024 - Present

Software Developer Intern

Miami, Florida

- Developed a dynamic and interactive 3D model viewer in React with a Node.js backend, seamlessly integrating Meshy API for real-time model generation.
- Increased user engagement by 25% by enhancing UI/UX design for a visually appealing and responsive interface.
- Implemented scalable storage solutions with pre-signed S3 URLs, ensuring efficient file access for increased traffic.
- Optimized API response times by 30% with server-side caching, improving performance and reducing latency.

Evive Health

September 2021 - September 2022

Software Engineer - 1

Bengaluru, India

- Developed scalable full-stack applications using React, Spring Boot, and AWS, ensuring efficient performance.
- Led a front-end migration to React, improving UI performance by 30% while significantly reducing page load times.
- Designed and implemented RESTful APIs with Spring Boot, optimizing backend response times by 25% efficiency.
- Integrated React with AWS Lambda and DynamoDB, reducing database query latency by 20%.

Evive Health

January 2021 - September 2021

Software Engineer Intern

Bengaluru, India

- Spearheaded the development of 'My Evive,' company's flagship product.
- Trained extensively on Microservices architecture, Java Spring Boot, CI/CD pipelines, and TypeScript.
- Collaborated with the Channels team to implement a new system for collecting and managing customer issues.
- Built reusable UI components using React and TypeScript, enhancing developer productivity.

Technical Skills

Programming Languages: Java (Advanced), C, C++, Python, TypeScript, JavaScript

Frontend: React, Next.js, Redux, TailwindCSS, HTML, CSS

Backend: Spring Boot, Hibernate, Flask, Django

Cloud and DevOps: AWS (Lambda, S3, DynamoDB, EC2), Docker, Kubernetes, CI/CD

Databases: SQL, PostgreSQL, MongoDB, NoSQL

APIs: RESTful APIs

Other: Data Structures and Algorithms, System Design, Performance Optimization

Education

Florida International University

August 2022 - April 2024

Master of Science in Computer Science (GPA: 3.9 / 4.00)

Miami, Florida

Siddaganga Institute of Technology

August 2017 - July 2021

Bachelors of Engineering in Computer Science (GPA: 3.4 / 4.0)

Tumakuru, India

Projects

F1 Live Data and Analysis Platform (Ongoing) | Java, OpenF1, React

- Built a React and TypeScript-based UI for visualizing live and historical F1 race data.
- Developed Node.js backend for API integrations with OpenF1 API.
- Optimized database storage using PostgreSQL and Redis for faster querying.

To-do list WebApp | Java, Springboot

- Designed a full-stack task management app using React, TypeScript, and Spring Boot.
- Implemented user authentication and authorization using JWT.
- Deployed on AWS EC2, serving 500+ active users with 99% uptime.

3D Object Viewer for Game Development | Java, Meshy API, React

- Created a 3D model viewer allowing users to select and store models. Integrated Java backend for data management and retrieval.