

# Sainath Patil

Dynamic Full Stack Developer and DevOps Engineer with a record of building scalable web applications using React.js, Node.js, and Express.js. Skilled in leveraging AWS cloud services, Docker, and Kubernetes to implement CI/CD pipelines that boost deployment efficiency by 30% and reduce manual tasks by 40%. Passionate about integrating AI projects, with strong foundations in data structures, algorithms, and competitive programming. Known for collaborating effectively across teams to enhance system reliability by 20%.

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## WORK EXPERIENCE

### Open-Source Contributor – GSSOC 2024

Oct 2024 - Nov 2024

- Contributed to open-source projects by enhancing frontend design and implementing contact form features, improving user experience.
- Utilized React.js and Node.js to deliver user-centric features, with a 25% increase in user engagement.

## EDUCATION

### S.G Balekundri Institute of Technology, Balegavi

Bachelor of Engineering in Computer Science - 8.15(CGPA)

Dec 2022 - Jun 2026

## PROJECTS

### Web-based Blogging System [🔗](#)

Aug 2024 - Sep 2024

- Implemented Robust Security:** Developed a secure user authentication system with JWT and role-based access control for admin and regular users.
- Engineered a Comprehensive Blogging Platform:** Built a comprehensive blogging platform with an intuitive admin dashboard for posts and user management.
- Enhanced User Engagement:** Integrated comment and like features to enhance user engagement and community interaction.

### AI Coach [🔗](#)

Jan 2025 - Feb 2025

- Developed a Comprehensive AI-Driven Platform:** Engineered an integrated solution that assists users with career planning, interview preparation, and resume building through advanced AI capabilities.
- Implemented Personalized Career Guidance:** Leveraged AI to analyze user skills and interests, generating tailored career path recommendations to help users make informed decisions.
- Built an Interactive AI Interview Module:** Created a dynamic module that simulates real interview scenarios and provides actionable feedback, boosting user confidence and interview readiness.

### Proxy Deployment of a Containerized Application with Nginx [🔗](#)

Mar 2025 - Mar2025

- Deployed a containerized application using Docker and configured Nginx as a reverse proxy for efficient traffic management.
- Deployed the setup on AWS EC2 server, ensuring a production-ready environment.
- Running containers in same network ensuring smooth communication between containers.

## SKILLS

- Language: Java, Javascript
- Frontend: HTML, CSS, React.js
- Backend: Node.js, Express.js, and RESTful API design
- Tools: Git, Linux, shell scripting, AWS, Docker, Kubernetes, CI/CD

## CERTIFICATE

### Data Structures and Algorithms [🔗](#)

### Object Oriented Programming in java(OOPS). [🔗](#)