

SIDDHARTH SANGAVI

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EDUCATION

B.Tech - Computer Science Engineering, Reva University
CGPA: 8.73

2020-2024

WORK EXPERIENCE

FULL STACK ENGINEER

Ford Motor Private Limited

June 2024 - Present

Bangalore, India

- Spearheaded initiatives to optimize system performance, including reducing excessive log sizes in Datadog, improving processing efficiency by 28%.
- Developed a feature allowing developers to pause depot instances directly from an internal platform using Kubernetes, saving 30% on SaaS product costs.
- Collaborated with clients to deliver customized features and enhancements, ensuring timely resolution of bugs, efficient implementation of new ideas, and maintaining high code quality through regular unit testing.

SOFTWARE ENGINEER - INTERN

Ford Pro - Electriphi (formerly Ford Motor Private Limited)

Aug 2023 - May 2024

Bangalore, India

- Built Kubernetes APIs for streamlined charger control and enhanced frontend for one-click resource management via APIs, significantly reducing task completion time.
- Ensured code quality by writing test cases using Pytest, achieving 20% increase in code coverage.

SKILLS

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|------------------|--|
| Front-end | Angular, React, TypeScript, RxJS, Redux, l10n/i18n Management. |
| Back-end | NestJS, NodeJS, Flask, FastAPI. |
| Others | MongoDB, Swagger, Pytest, Jest, cypress, Git. Docker, ArgoCD, Datadog, CI/CD pipelines, Postman. JIRA, Figma, Miro, Pendo. |

PROJECTS

React-based E-Work Portal: Designed a centralized platform for task management, collaboration, and communication, enhancing remote work efficiency with a responsive UI.

Responsive User Registration and Login Form: Developed using React, Node.js, Express.js, and MongoDB, providing seamless user experience across devices.

Plag-Check-AI: Created a Flask-based plagiarism detection tool with an accuracy rate of 90%, including functionality to detect AI-generated text.

EXTRA-CURRICULAR ACTIVITIES

- Developed VS Code extensions: [Highlight Buddy](#), a customizable code highlighting tool with multiple colors and opacity, and [Dev Store](#), a tool to organize and quickly access project-specific commands from the sidebar.
- Won two national-level hackathons, securing 1st prize for [Charity Donation Platform](#) using Blockchain and 3rd prize for Plagiarism Checker and AI Text Detector.
- Published a research paper on [Network on Chip](#) in IEEE.