Surya Kanagaraj

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EDUCATION

KSR Institute for Engineering and Technology	Namakkal, Tamil Nadu
Computer Science and Engineering, Bachelor of Engineering	*Aug. 2017 – May 2021*

EXPERIENCE

Product Developer	Feb 2023 – Present
Sudoboat Pvt Ltd	*Coimbatore, Tamil Nadu*

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
- Managed CI/CD pipelines with Bitbucket CI/CD and Handled DevOps operations

Frontend Developer	Sep. 2021 – Feb 2022
Sudoboat Pvt Ltd	*Banglore*

- Assisted in building responsive and interactive user interfaces using HTML, CSS, and JavaScript frameworks (e.g., React).
- Collaborated with the design team to implement pixel-perfect UI components.
- Debugged and fixed frontend issues to improve user experience and performance.

PROJECTS

Publication Management System | *React Js, Node Js, Contentful*   May 2023 – July 2024

- Developed a custom publication platform using React, Node.js, and AWS.
- Built an editor tool, maintained repositories, and managed CI/CD pipelines with Bitbucket CI/CD
- Worked on design exploration and frontend development to support multi-locale publishing.
- Managed CI/CD pipelines and automated deployment processes

CCO (Common Content Overview) | *React, TypeScript, and Chart.js*   Jan 2022– Mar 2023

- Built an analytics dashboard interface using React, TypeScript, and Chart.js.
- Participated in design discussions and frontend development, ensuring responsiveness and scalability.
- Handled DevOps tasks like maintaining Jenkins pipelines and deployments on AWS
- Maintained Pipelines for Environment deployment and monitoring

VCP (VerifiCare Pro—Doctor Verification) | *React, Node.js, Express, and MongoDB*   Feb 2021–Nov 2021

- Developed a full-stack application using React, Node.js, Express, and MongoDB.
- Designed REST APIs, worked on architecture planning, and performed unit testing with Jest.
- Built and maintained CI/CD pipelines with Bitbucket Actions and managed AWS-based deployments.
- Developed REST API's with Node.js / Express for Doctor Verification

CERTIFICATION

- Contentful Certified Developer
- Cloud Engineer from qwicklabs
- Awarded Team Lead of the year in 2022–2023

TECHNICAL SKILLS

Languages: Python, MongoDb, DynamoDb, SQL (Postgres), JavaScript, HTML/CSS
FrameworksReact, Node.js, Material-UI
Developer Tools: Git, Docker, VS Code, Visual Studio, Postman, PgAdmin
Cloud tools: AWS, Azure