

SAWAN KUMAR DAS

Software Engineer

Skilled Software Engineer with expertise in building scalable web applications, modernizing systems, and crafting innovative SaaS tools, recognized for delivering impactful solutions.

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📍 Bengaluru, India

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📖 medium.com/@ProPhycientSawan

📞 8360808493

🌐 sawan5.vercel.app/

🐙 github.com/ProPhycient5

WORK EXPERIENCE

System Engineer

TCS

04/2024 - Present

Bengaluru

Achievements/Tasks

- Frontend Developer in banking, modernized legacy code for smooth transactions.
- Tech: HTML, JS, React, Context API, SCSS, RTL, JEST, Playwright, Jenkins.
- Ensured end-to-end development via CI/CD pipeline.

Software Engineer

Mantra Labs

02/2021 - 03/2024

Bengaluru

Startup

Achievements/Tasks

- Developed a SaaS WebApp builder with ReactJS, Tailwind CSS, and CraftJS, enabling dynamic user interfaces.
- Built draggable components (e.g., Text, Button) and advanced features like NavBar, Tabs, and Dropdowns.
- Implemented style settings and database features for RESTful/GraphQL API integration.
- Optimized code for scalability, managed workflows, resolved bugs, and maintained GitLab changes.

Project Assistant-II

CSIR - National Chemical Laboratory

10/2019 - 11/2020

Pune

Scientific Research Institute

Achievements/Tasks

- Conducted computational studies on 2D materials using Molecular Dynamics simulation, leading to published research.
- Authored the paper [Enhanced Photocatalytic Properties of Chemically Modified Blue Phosphorene](#), advancing eco-friendly fuel research.

EDUCATION

Master of Science in Physics

Central University of Punjab, India

07/2016 - 06/2018

Bathinda, Punjab

Courses

- Specialization in Computational Material Physics
- Numerical method and C language

SKILLS

HTML

CSS

JavaScript

ReactJS

Redux

Git

Visual Studio

NextJS

RESTful API

Unit Testing by RTL

JEST

JSON

Playwright

CI/CD Pipeline (Jenkin)

TailwindCSS

ES6

Linux Terminal

TypeScript

Styled Component

PERSONAL PROJECTS

MovieFlix [🔗](#)

- It is a compilation of all movies with search and genre filter features

Mini-page-builder [🔗](#)

- Page builder with draggable components, built without external drag-and-drop libraries, supporting page configuration export.

ACHIEVEMENTS

Star of the Month (04/2022) [🔗](#)

Contribution to the WebMagic (SaaS product)

Star of the Month (08/2023) [🔗](#)

Frontend development contribution to Green Brilliance CRM Portal

LANGUAGES

English

Full Professional Proficiency

Odia

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Full Professional Proficiency

INTERESTS

Cooking

Blogging

Reading books

Exploring and immersing in diverse cultures

Follow Tech stories across the globe