

# 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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📞 8360808493

🖥 [sawan5.vercel.app/](https://sawan5.vercel.app/)

🐙 [github.com/ProPhycient5](https://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, Jenkin.
- 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

JSON

CI/CD Pipeline (Jenkin)

Playwright

ES6

JEST

TailwindCSS

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