

Suprabha Panigrahi



Contact Information

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- **LinkedIn:** www.linkedin.com/in/suprabha-panigrahi
- **GitHub:** <https://github.com/SuprabhaPanigrahi>
- **My Portfolio:** portfolio-project-beta-wheat.vercel.app

Objective

Passionate full-stack developer focused on building scalable web applications and harnessing AI for innovative solutions. Proficient in modern frameworks, adept at problem-solving, and committed to optimizing performance. Skilled in managing complex UI states and delivering clean, maintainable, and scalable code.

Experience

Software Development Engineer

Akrabhi Softlabs Pvt. Ltd. | April 21 2025 – June 21 2025

- Develop responsive and maintainable frontend components using React, TypeScript, and Next.js for a healthcare web platform.
- Apply strong HTML, CSS, and JavaScript skills to deliver scalable UI solutions.

Machine Learning & Deep Learning Intern

NIST University, Berhampur | June – August 2024

- Designed ML models improving data analysis efficiency by 20%.
- Developed sentiment analysis using NLP, enhancing customer feedback insights by 25%.

Collaborative Academic Project

NIST University, Berhampur | November 2024

- Led a team to develop a Google AI weather prediction model with 85% accuracy.
- Built a user-friendly interface for real-time weather forecasting.

Projects

Google AI Weather Prediction Model

- Developed an AI model using Python and TensorFlow for analyzing historical weather data.
- Achieved 85% accuracy using parameters like temperature, humidity, and wind speed.

Portfolio Website

- Designed and built a responsive personal portfolio using HTML, CSS, and JavaScript.

E-commerce Web App – React, TypeScript, Redux

- Built a modular shopping platform with centralized cart/user state and localStorage persistence.
- Implemented product listing, filtering, and reusable components with strong TypeScript typing.

Weather App – React, TypeScript

- Integrated OpenWeather API to fetch real-time weather data.
- Delivered dynamic UI updates and responsive design using Hooks and Context.

To-Do App – React, TypeScript, Redux Toolkit

- Managed task creation, deletion, and filtering using Redux slices and custom hooks.
- Applied TypeScript for type-safe actions and reducers.

Next.js To-Do App – Next.js, TypeScript

- Created a server-side rendered (SSR) to-do app with persistent local state.
- Focused on SEO optimization and scalable routing design.

Tic Tac Toe with Leaderboard – Next.js

- Developed animated and theme-switchable game.
- Integrated mock leaderboard using Next.js API routes.

VS Code UI Clone – Next.js, Tailwind CSS

- Recreated Visual Studio Code interface with responsive layout and dark/light theme.
- Implemented interactive component states using Tailwind utility classes.



Education

- **NIST University** - Master of Computer Application (2023 – 2025)
- **Kalam Degree Science College** - B.Sc. Physics (Hons) (2019 – 2022) | Achieved 85%



Skills

- **Technical Skills:** Python, Java, C, C++

- **Web Technologies:** Full Stack
 - **Frontend:** HTML, CSS, JavaScript, Typescript, React, Next.JS
 - **Backend:** Node.js, Python, Java
 - **Database:** MySQL

Frameworks & Libraries: React, Next.js, Redux Toolkit, Tailwind CSS

- **Other Skills:** Data Structures and Algorithms (DSA) , Shell Scripting
 - **Tools:** Git & GitHub, VS Code, Vercel
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Languages Known: English, Hindi, Odia



Certifications Courses

- Full Stack Web Development – ExcelR (2022)
 - Data Structures & Algorithms – ExcelR (2024)
 - React Workshop – NIST University (2024)
 - AWS Workshop – AWS Academy (2024)
 - Git & GitHub Mastery – ExcelR (2024)
 - Python Interview Preparation Course – ExcelR (2023)
 - Introduction to Frontend Development - SkillUp (2023)
 - Getting Started with Enterprise Data Science – IBM (2024)
 - Journey to Cloud – IBM (2024)
 - O Level & PGDCA Course – OCA (2022)
 - Project Excellence - Mastering Major and Minor Projects - ExcelR (2024)
 - Introduction to SQL - SkillUp (2024)
 - Advance HTML - Great Learning (2024)
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Interests

Passionate about mentoring and teaching, with five years of experience guiding students, delivering seminars, and actively engaging in knowledge-sharing workshops.