

Suprabha Panigrahi



Contact Information

📍 Bhubaneswar, Odisha, India | 📞 7735822183 | ✉ suprabhapanigrahi620@gmail.com
🌐 [LinkedIn](#) | 💻 [GitHub](#) | 🌐 [Portfolio](#)

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.

🔧 Technical Skills

- **Languages:** Python, Java, C, C++, JavaScript (TypeScript)
- **Frontend:** React, Next.js, Redux, HTML/CSS, Tailwind CSS
- **Backend:** Node.js, Express.js
- **Database:** MySQL, MongoDB
- **AI/ML:** TensorFlow, NLP, Sentiment Analysis
- **Tools:** Git/GitHub, VS Code, Vercel, AWS
- **Other:** DSA, Shell Scripting

📁 Professional Experience

Software Development Engineer

Akrabhi Softlabs Pvt Ltd, Bhubaneswar | Apr 2025 – Jun 2025

- Built responsive frontend components for a healthcare platform using React, TypeScript, and Next.js.
- Optimized UI performance and scalability with modern CSS and JavaScript best practices.

Machine Learning Intern

NIST University, Berhampur | Jun 2024 – June 2024

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

🚀 Key Projects

Portfolio Website – React

- A modern portfolio built with React showcasing projects, skills, and professional experience with smooth animations and responsive design.

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.

Portfolio Website – HTML, CSS, JS

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

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.

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.

Education

- Master of Computer Applications, NIST University (2023–2025) | CGPA – 9.30 | 88.35%
- B.Sc. Physics (Hons), Kalam Degree Science College (2019–2022) | 85%
- O Level & PGDCA, NIELT (2021–2024) | A grade
- Higher Secondary Education, Kalam Institute of Technology (2017–2019) | 67.33%
- Secondary Education, Mother Sarojini Girls' High School (2017) | 75%

Certification

- Full Stack Web Development – ExcelR
- DSA – ExcelR
- React Workshop – NIST
- AWS Workshop – AWS Academy
- Git & GitHub – ExcelR
- Python Interview Prep – ExcelR
- SQL – SkillUp
- Advance HTML – Great Learning

Languages

English (Fluent), Hindi (Fluent), Odia (Native)

Interests

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