SOURAV MISHRA

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Education

Siksha 'O' Anusandhan (ITER)	2021 – 2025
B. Tech in Computer Science & Engineering (CGPA: 8.87)	Odisha, India
St. Xavier's High School (CBSE)	2021
Class XII (Percentage: 91.2%)	Bhubaneswar, Odisha
Carmel English Medium School (CBSE)	2019
Class X (Percentage: 95%)	Khordha, Odisha

Experience

Product Engineer Intern | Reverie Language Technologies   August 2024 – May 2025

- Developed a **dynamic** and **responsive** web application using **Next.js**, delivering an optimized front-end experience across various devices and screen sizes.
- Built an **interactive API Playground - RevUp** that allows users and developers to **test and explore Reverie's APIs** in real time, improving engagement and understanding of API capabilities.
- Developed and published modular **NPM packages** for **Reverie's APIs**, which formed the basis for creating developer-friendly **JavaScript SDKs**, simplifying integration and enhancing accessibility across multiple programming environments.
- Addressed critical **VAPT (Vulnerability Assessment and Penetration Testing)** issues in **RevUp**, significantly improving the product's security and compliance standards.
- Authored comprehensive and easy-to-follow **API documentation** using **Mintlify**, ensuring **smooth onboarding** and integration for developers through **clear examples** and **structured content**.
- Collaborated in the development of an **Admin Dashboard** that provides **detailed visualizations** of **user activity**, **system performance**, and **usage analytics** to support better decision-making.
- **Skills Used**: React.js, Next.js, Node.js, Express.js, MongoDB, JavaScript, Git, Jira, Mintlify, Tailwind CSS

Skills

Languages: Java, Python, JavaScript
Web Development: HTML, CSS, React.js, Next.js, Node.js, Express.js, Tailwind CSS, Shadcn, Antd
Databases: MongoDB, MySQL, Oracle
Tools: VS Code, Git, GitHub, Chrome Developer Tools, Postman, Jira

Projects

Krishi Sahayata | React.js, Node.js, Express.js, MongoDB, HTML, CSS, JavaScript, Twilio, OpenMeteo, Email.js | Link

- Implemented **SMS alerts** and **local voice-over** features to deliver real-time farming assistance.
- Developed an **AI chatbot** with **vernacular input** and **text-to-speech (TTS)** support.
- Enabled **Aadhar-based claim tracking** to securely monitor government subsidy statuses for farmers.

Eventia | React.js, Spring Boot, Tailwind CSS, MongoDB, Email.js | GitHub

- Created an intuitive platform for **event creation**, **management**, and **real-time tracking** by organizers.
- Automated **email notifications** to efficiently update attendees about event changes and announcements.
- Provided seamless **RSVP functionality** and **communication tools** to simplify attendee engagement.

Network Desktop Manager | Java (Swing), Java Sockets | GitHub

- Developed software for **remote desktop access** allowing users to control machines over a network securely.
- Implemented **admin controls** for managing user settings and system configurations remotely.
- Enabled real-time **communication and data transfer** between client and server using Java sockets.

Certifications

- Problem Solving (Basic), Java (Basic), Python (Basic), SQL (Basic), SQL (Intermediate) – HackerRank
- AMCAT Certified Data Processing Specialist - SHL
- AMCAT Certified Software Development Trainee - SHL