

Sujit Kumar Sahoo



Senior Full Stack Developer | 0-5 Years' Experience

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📄 <https://sujitkumarsahoo.github.io/my-portfolio/>

PROFILE SUMMARY

Full Stack Developer with over 5 years of experience creating secure, fast, and easy-to-use web applications using React.js, Node.js, PostgreSQL, and Perl/CGI,. Good at turning business needs into working software that gets results.

PROFESSIONAL SUMMARY

- 5+ years in full stack development, with core expertise in React.js, Node.js, Perl/CGI, PHP and PostgreSQL.
- Delivered scalable tools and dashboards for enterprise systems in the quality, audit, and reporting domains.
- Known for fast delivery, optimization techniques, and clean UI/UX.
- Skilled in API integration and building secure multi-role access systems for enterprise-grade applications.

CORE SKILLS

Frontend	React.js, JavaScript, HTML5, CSS3, Bootstrap, jQuery AJAX
Backend	Node.js, Express.js, PHP, Perl/CGI, CodeIgniter
Database	PostgreSQL, MySQL
DevOps & Tools	GitHub, Chrome DevTools
Testing	Unit Testing
Styling & UI	Tailwind CSS, Bootstrap, SCSS, Styled Components, Material-UI
API Integration	RESTful APIs, Axios, Payment Gateway

WORK EXPERIENCE

Tata Technologies – Senior Full Stack Developer

Pune | Aug 2022 Present

Tech Stack: React.js, Node.js, Material UI, Perl/CGI, MySQL, HTML5, Bootstrap

- Developed and optimized a highly responsive React-based web application, improving performance by 40% across devices.
- Integrated Redux Toolkit for scalable state management, reducing code complexity by 25%.
- Reduced report generation time by 40% through optimized backend scripting in Perl.
- Developed dashboards with Material UI to display quality and audit data in a clean, responsive layout.
- Implemented frequency-based access logic and multi-role user control using MySQL.
- Integrated voice-through data entry feature using Perl, allowing users to fill forms by voice instead of typing manually.
- Delivered full-scale systems like WCQ-L3/L4, PDCA, and Quality Audit from scratch.

- **Silicon Tech Lab – Software Engineer**

Bhubaneswar | 2020 – 2022

Tech Stack: PHP, CodeIgniter, MySQL, PostgreSQL, HTML5, Bootstrap

- Developed portals for admissions, recruitment and grievance handling; handled full stack.
- Integrated SMS APIs and reduced user onboarding time by **25%**.
- Built a PDF-based reporting module used by 3+ academic institutions.
- Managed the full-stack project lifecycle from design to deployment.

Manhattan Tech Ventures – Web Developer Intern

Kolkata | Apr 2019 – Jun 2019

- Supported frontend/backend improvements using HTML, JS, and PHP.

KEY PROJECTS

Tata Technologies

- **ERC WCQ-L3/L4** – Quality tracking with audit trails and visual dashboards.
- **5S Audit Tool** – Role-based layered audit tool with frequency control.
- **Quality Analytics** – PostgreSQL + React-based real-time dashboard.

Silicon Tech Lab

- **Purnea University Admission** – Portal with SMS/payments + PDF reports.
- **DSEU Admission & Recruitment** – Candidate tracking + user roles.
- **APS Admission** – Admin reporting and document validation module.

Featured Projects – Academic

- **Elephant Detection System** – AI + IoT solution using YOLO to detect elephants and prevent human-wildlife conflict.
- **Sixth Sense Robot** – Controlled a robotic car via gestures and voice using OpenCV.
- **Voice-Controlled LED** – Built a voice-activated LED system for smart home automation.

EDUCATION

B.Tech in Computer Science

Centurion University, Bhubaneswar | 2016–2020 | 82%

ACHIEVEMENTS

- 🏆 Winner – World Skills 2021 (University Level)
- 🌐 Selected Web Designer – State-Level Skills Competition
- 🏆 Finalist – i3India IoT Challenge at IIT Bombay
- 📄 Patent Holder – Wildlife AI+IoT Project using YOLO

INTERESTS

📷 Photography ✨ Traveling 🏏 Cricket 🍳 Cooking