

SUVENDU KUMAR PATRA

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| [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Frontend Developer transitioning from a Quality Assurance background with hands-on experience building responsive web applications using React.js, Next.js, and modern JavaScript (ES6+). Strong foundation in UI development, API integration, and accessibility-first design (WCAG 2.1). Experienced in Agile environments, collaborating with cross-functional teams, and shipping production-style projects including AI-powered tools and document generation platforms. Focused on writing clean, scalable, and performance-oriented frontend code.

PROFESSIONAL EXPERIENCE

Quality Assurance Engineer | *Accenture in India*

Kolkata, West Bengal, India | October 2024 – November 2025

- Executed functional and accessibility testing for **enterprise digital invoicing and finance applications** across Agile sprints; designed and ran **250+ test cases** ensuring **WCAG 2.1 AA compliance**, contributing to a **30% reduction in production defects**.
- Identified, documented, and validated **50+ medium-severity defects**, collaborating with developers and business analysts to improve test coverage and achieve a **25% reduction in defect leakage**.
- Performed **end-to-end test execution and accessibility validation** for internal enterprise service tools, supporting stable releases and scalable system performance.

PROJECTS

Prompt Genie AI | promptgenieai.vercel.app

Tech Stack: React.js, Next.js, Tailwind CSS, Gemini API, Typescript, React Hooks, Context API

AI-powered web application analyzing raw prompts and generating optimized versions with 40% improved output quality through advanced prompt engineering techniques

PDFox Generator | pdfox-generator.lovable.app

Tech Stack: React.js, AI Document Processing, Tailwind CSS, Gemini API, Resend, React Hooks

Intelligent document generation tool with drag-and-drop functionality, real-time preview, and accessibility-first design achieving 95% user satisfaction

Personal Expense Tracker | [Website](#) | [GitHub](#)

Tech Stack: React.js, Tailwind CSS, Local Storage API

Clean expense tracking application with intuitive dashboard, data visualization for income/expenses/savings, and category-based budget alerts

Workout Body Progress | [GitHub](#)

Tech Stack: React.js, JavaScript, CSS3

Fitness progress tracking application with interactive UI for logging workouts, tracking metrics, and

visualizing progress with responsive mobile-optimized design

TECHNICAL SKILLS

Frontend	React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Design
Backend & Database	Node.js, Express.js, MongoDB, REST APIs, MERN Stack
Tools & Testing	Git, GitHub, VS Code, Vercel, JIRA, Confluence, Functional Testing, Accessibility Testing (WCAG)
Blockchain	Solidity, Smart Contracts, Foundry, Web3.js, Ethereum
Methodologies	Agile/Scrum, Test Case Design, Defect Management, Cross-Functional Collaboration

EDUCATION

Bachelor of Science (B.Sc.) - Information Technology and Management
Ravenshaw University | Odisha, India Nov 2021 – May 2024

Intermediate in Science (PCMB)
Nayagarh College | Nayagarh, Odisha, India
June 2019 – June 2021

INITIATIVES

Vibe Coding Initiative: Personal project initiative experimenting with real-world problem solving, building mini-products and SaaS concepts exploring AI-powered experiences and intelligent UI behaviors