

SURAJ RANAJIT BHOSALE

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sbhosale.dev

SUMMARY

Software Engineer with 2+ years of professional experience building production web and mobile applications. Strong in React, TypeScript, JavaScript, Redux Toolkit, React Native, and REST APIs, with additional experience in Vue.js, Python, and Frappe/ERPNext. Experienced in reusable UI development, offline-first synchronization, enterprise workflows, debugging, and production deployments.

EDUCATION

B.Tech – Computer Science and Engineering 2024

Dr. D.Y. Patil Pratishthan's College of Engineering, Shivaji University

Percentage: 80%

Diploma – Computer Science and Engineering 2021

Dr. D.Y. Patil Polytechnic, MSBTE

Percentage: 91%

SSC – MSBSHSE 2018

S. M. Lohiya High School, Kolhapur

Percentage: 78.8%

SKILLS

Languages	JavaScript	TypeScript	Python	JAVA
Frontend	React	Redux Toolkit	Vue.js	Tailwind CSS
Mobile	React Native	Expo	SQLite	AsyncStorage
Backend	Node.js	ERPNext	REST APIs	
Databases	PostgreSQL	MySQL	MongoDB	Firebase
DevOps	Docker	CI/CD	Ubuntu	Nginx
Auth/SSO	Keycloak	JWT	OAuth2	Firebase Auth
Tools	Git	GitHub	Postman	n8n

PROFESSIONAL EXPERIENCE

Dexciss Technology – *Team Lead & Fullstack Developer*

May 2024 – Present

- Developed production features across manufacturing, agriculture, logistics, e-commerce, and digital signing applications using React, React Native, Vue.js, Python, and Frappe/ERPNext.
- Implemented eSign workflows for multi-document assignment, template validation, PDF preview and printing, draft handling, and multi-recipient email notifications.
- Built offline-first mobile workflows using SQLite and AsyncStorage, with retry-based synchronization, field visits, pagination, and dynamic company and warehouse selection.
- Improved e-commerce interfaces through live product search, related products, responsive image loading, cart indicators, and authentication UX.
- Developed ERPNext manufacturing features for workstation capacity validation, subcontract purchase order automation, supplier warehouse resolution, and barcode/QR generation.
- Coordinated feature delivery while contributing hands-on to API integration, debugging, system design, and production releases.

IIT Bombay – OSDAG Project – *Software Intern (Hybrid)*

May 2023 – Aug 2023

- Migrated legacy engineering interfaces to React, building reusable components and modern layouts.
- Enhanced 3D structural visualization and integrated backend APIs for design validation and automated reporting.
- Collaborated with researchers to translate engineering requirements into maintainable software features.

Collab Vision Infosolutions – *Software Trainee*

Feb 2023 – Jul 2023

- Built Codenovas modules using Google Authentication, Firebase, and real-time tracking.
- Improved responsive UI components and contributed to Agile feature delivery and debugging.

Freelance Developer – *Full-Stack / UI Developer (Remote)*

Jun 2020 – Feb 2024

- Delivered 4 projects for international clients, including Peter Labs (US) and Codenovas, covering web applications, booking systems, and automation.
- Developed responsive interfaces, integrated REST APIs, and deployed applications with DNS and CI/CD configuration.
- Collaborated directly with clients on requirements, feature planning, and delivery.

PROJECTS

Agriculture Field Operations – Mobile Application

[\(Link\)](#)

Built offline-first mobile workflows with local data persistence, automatic retries, field visit management, farmer records, and paginated data synchronization.

Technologies: React Native, JavaScript, SQLite, AsyncStorage, REST APIs.

Textile Manufacturing Automation – ERPNext

[\(Link\)](#)

Implemented workstation capacity validation, automated subcontract purchase orders, supplier warehouse resolution, and production planning workflows for manufacturing operations.

Technologies: Python, Frappe/ERPNext, JavaScript.

E-Commerce Platform

[\(Link\)](#)

Developed live product search, related-product recommendations, responsive image loading, cart indicators, authentication improvements, and purchase receipt interfaces.

Technologies: Vue.js, JavaScript, Frappe, REST APIs.

eSign – Digital Document Signing Platform

[\(Link\)](#)

Implemented multi-document assignment, template access validation, PDF preview and printing fixes, and multi-recipient email notifications.

Technologies: React, TypeScript, Node.js APIs.

LEADERSHIP & COMMUNITY

Founder – CodeUp Community

Nov 2021 – Present

Built an 800+ member developer community, organized 20+ events, and mentored junior developers.

Campus Ambassador – T&P Cell, DYPCOE

Oct 2022 – May 2024

Coordinated 70+ student coordinators and supported recruitment drives, bootcamps, and expert sessions.

CERTIFICATIONS & WORKSHOPS

Game Development Workshop – 1UP Academy

Dec 2023

VS Code Mastery – Learn Tech Plus

Oct 2022

HOBBIES

Sketching, Anime, Swimming, Cycling, MMORPG Games, Football, FPS Gaming, Pixel Art.