

RAJ JAISWAL

Software Developer

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LinkedIn

Portfolio

GitHub

PROFESSIONAL SUMMARY

Results-driven Software Developer with 2.6+ years of experience building scalable web and mobile applications. Proven expertise in full-stack development using PHP, Laravel, React.js, and AngularJS. Demonstrated ability to optimize application performance, reduce load times by 30%, and deliver user-centric solutions. Adept at API integration, code refactoring, and cross-functional collaboration in Agile environments. Passionate about writing clean, maintainable code and continuously learning emerging technologies.

PROFESSIONAL EXPERIENCE

Junior Software Developer

TickleRight

June 2023 – Present

- Optimized PHP and AngularJS components, improving application performance by 30% and enhancing user experience for 1,000+ active users
- Refactored legacy JavaScript libraries, reducing frontend load time by 40% and improving overall responsiveness
- Conducted comprehensive debugging and code reviews, identifying and resolving 50+ critical bugs to ensure 99.5% application uptime
- Developed responsive UI components using AngularJS and modern CSS frameworks, ensuring seamless functionality across desktop, tablet, and mobile devices
- Streamlined troubleshooting processes through improved logging and debugging practices, reducing average issue resolution time by 30%
- Collaborated with cross-functional teams in Agile sprints, consistently delivering features ahead of schedule

TECHNICAL SKILLS

Frontend Development:

HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, AngularJS, Tailwind CSS, Bootstrap, ShadCN UI

Backend Development:

PHP, Laravel Framework, RESTful API Design

Database & APIs:

MySQL, API Integration, Third-party Services (PayPal, Razorpay)

Tools & Platforms:

Git, GitHub, VS Code, Postman, Chrome DevTools

Development Practices:

Responsive Design, Cross-Browser Compatibility, Code Optimization, Unit Testing

Methodologies:

Agile, Scrum, Test-Driven Development (TDD)

Frameworks & Libraries:

React.js, Next.js, AngularJS, Tailwind CSS, Bootstrap, ShadCN UI

KEY PROJECTS

AI-Powered Healthcare Chatbot

[Python](#) | [Flask](#) | [SQLAlchemy](#) | [Flask-Login](#) | [HTML/CSS/Bootstrap](#) | [AI / LLM Integration](#)

- Developed a full-stack healthcare chatbot using Flask with a secure login system, session management, and per-user chat history.
- Built a modern, responsive chat interface with AJAX-based messaging, supporting avatars, timestamps, and a smooth conversational UX.
- Integrated an AI backend using large language models (LLMs) to generate context-aware responses about AI in healthcare while enforcing safety rules (not giving diagnoses or prescriptions).
- Designed and implemented relational data models (User, ChatMessage) with SQLAlchemy ORM to persist conversations and maintain clean separation of concerns.
- Structured the application using Flask blueprints, separating authentication, chatbot logic, and database models for better scalability and maintainability.
- Configured the project with virtual environments and environment variables for secrets/API keys, improving security and portability across machines.

Full-Stack Admin Dashboard (Next.js + TypeScript)

Next.js (App Router) | TypeScript | Tailwind CSS | shadcn UI | Zustand | dnd-kit | TanStack Query/Table | Chart.js/ECharts/uPlot | Next-Auth | Vitest | Playwright

- Built a modern App Router admin console with Tailwind/shadcn UI, dark-mode tokens, and Jira-style Kanban via dnd-kit + Zustand.
- Delivered data-rich dashboards/reports using TanStack Query + Table, virtualized lists, and interactive charts (ECharts/Chart.js/uPlot), with CSV/XLSX export.
- Implemented secure authentication/authorization with Next-Auth, role-based access control, and protected routes.
- Wrote comprehensive unit/integration tests with Vitest and Playwright, achieving 90%+ code coverage and ensuring robust functionality.
- Implemented auth-ready scaffolding (next-auth), API route handlers with mock data, and strong DX/testing: ESLint/Prettier, Husky + lint-staged, Vitest unit tests, and Playwright e2e.

Disease Prediction System

Python | Machine Learning | Scikit-learn

- Engineered an ML-based disease prediction application achieving 85% accuracy in symptom-based diagnosis
- Implemented Random Forest and Decision Tree algorithms to analyze medical data and predict potential health conditions
- Designed an intuitive user interface enabling users to input symptoms and receive instant predictive analysis
- Processed and cleaned a dataset of 10,000+ medical records for model training and validation

EDUCATION

Bachelor of Science in Information Technology

2020 – 2023

S.I.W.S College, Wadala, Mumbai

University of Mumbai | CGPA: 7.60/10.0

Post-Graduate Diploma in Management — (IT Projects Management)

2023 – Present

Welingkar Institute of Management Development and Research