

YUVRAJ JAISWAL Full Stack Developer | React.js + AI Integration Specialist

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PROFESSIONAL SUMMARY

Full Stack Developer with 1.8 years specializing in React.js and AI-integrated web applications. Built production systems including AI-powered SQL query builder, enterprise dashboards, and inventory management platforms serving 1000+ users. Proven track record: 45% database performance improvement, 60% faster QA cycles, 40% reduced support response time. Strong foundation in FastAPI, Redux state management, and cloud deployments (100+ production apps).

KEY ACHIEVEMENTS

- Architected AI-powered SQL query builder in HyphenView, enabling non-technical users to generate complex reports
 - Optimized database queries reducing report generation time from 12s to 6.6s (45% improvement)
 - Automated reporting workflows saving 10+ engineering hours/week across operations teams
 - Reduced QA testing cycles by 60% through Flask-based API testing automation suite
 - Deployed 100+ production applications across cloud platforms (Netlify, Vercel, Render)
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TECHNICAL SKILLS

Frontend: React.js, Redux Toolkit, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap **Backend:** Node.js, FastAPI, Flask, Express.js, RESTful API Development **Databases:** PostgreSQL, MySQL, MongoDB, SQL Query Optimization **AI/ML:** AI Integration, Prompt Engineering, OpenAI API (exploring), LLM Integration **DevOps & Cloud:** Docker, CI/CD Pipelines, Nginx, Git/GitHub, Netlify, Vercel, Render **Tools:** Postman, Redux DevTools, Figma, API Documentation (Swagger)

PROFESSIONAL EXPERIENCE

Full Stack Developer — Erasmith Pvt Ltd, Noida
Feb 2024 – Present

- **Architected AI-powered query builder** in HyphenView (FastAPI + React/Redux) enabling business users to generate SQL reports through natural language, increasing self-service reporting by 65%
 - **Built enterprise Inventory Management System** (FastAPI + React/Redux) handling 5000+ assets across 20 locations with real-time sync, dynamic pivot tables, and advanced filtering—integrated into Hyphen platform for infrastructure analytics
 - **Developed HyphenDesk ticketing system** (FastAPI + React/Redux Toolkit + PostgreSQL) processing 500+ monthly support tickets, reducing average response time from 4 hours to 2.4 hours (40% improvement) through automated workflows and real-time notifications
 - **Optimized critical database queries** through strategic indexing and pagination, boosting dashboard performance by 45% (12s → 6.6s load times)
 - **Designed and deployed Flask-based API testing suite** automating 80+ endpoint tests, cutting QA validation time by 60% and improving release confidence
 - **Implemented role-based access control (RBAC)** and customizable KPI dashboards in HyphenView, improving security and user adoption across teams
 - Collaborated in Agile/Scrum sprints with cross-functional teams, maintaining Git-based CI/CD workflows for continuous deployment
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PROJECTS

HyphenView - AI-Powered Analytics Dashboard | *FastAPI, React, Redux, PostgreSQL*

- Enterprise reporting platform with AI-driven SQL query generation, real-time data visualization (Highcharts), and customizable KPIs
- Implemented role-based permissions, asset tracking, and automated report scheduling
- Serving 50+ internal users for infrastructure monitoring and business analytics
- *Production app at Erasmith*

Inventory Management System | *FastAPI, React, Redux Toolkit, PostgreSQL*

- Built comprehensive inventory tracking system with pivot-style views, dynamic filtering, and location-based asset management

- Engineered Redux state management for complex nested data structures and real-time updates
- Integrated with HyphenView for cross-platform analytics and reporting
- *Production app at Erasmith*

HyphenDesk Support Ticketing System | *FastAPI, React, Redux Toolkit, PostgreSQL*

- Developed full-stack ticketing platform with automated routing, SLA tracking, and real-time email notifications
- Handles 500+ tickets/month with priority-based assignment, status tracking, and resolution analytics
- Built RESTful API backend with FastAPI and dynamic React frontend with Redux state management
- *Production app at Erasmith*

ADDITIONAL PROJECTS (*Available on GitHub*)

Task Automation Dashboard | *React, Node.js, MongoDB*

- Built personal productivity dashboard with task scheduling, Pomodoro timer, and habit tracking
- Implemented JWT authentication and RESTful API architecture

Weather Analytics App | *React, OpenWeather API, Recharts*

- Real-time weather visualization with 7-day forecasts and historical trend analysis
- Integrated third-party APIs with error handling and loading states

EDUCATION

B.Tech in Computer Science & Engineering (AI Specialization)

Galgotias College of Engineering and Technology | 2020 – 2024

CERTIFICATIONS

- Docker Mastery: with Kubernetes + Swarm — Bret Fisher, Udemy
- 100 Days of Code with Python — Angela Yu, Udemy
- Complete Web Development Bootcamp — Hitesh Choudhary
- Python Data Structures & Algorithms — Scott Barrett

