

# ABHINAV SAHU

☎ +91-9109090464 ✉ [inforatme@gmail.com](mailto:inforatme@gmail.com) [in linkedin.com/trixsearch](https://www.linkedin.com/trixsearch) [github.com/trixsearch](https://github.com/trixsearch) [Portfolio](#)

## Education

### Shri Ram Institute Of Technology

Bachelor of Science in Computer Science — CGPA : 8.02/10

Sep. 2019 – May 2023

Jabalpur, Madhya Pradesh

## Technical Skills

**Languages & Frameworks:** Python, Java, React.js, Springboot, JavaScript, Django

**AI & Integration:** Open Ai, Claude, LangChain, OAuth, Llama

**Databases & Cloud:** Apache Nifi, SQL, NoSQL, Git, Azure Devops

**Technologies:** Linux, GitHub, Camunda, Flowable, Postman

## Experience

### Software Developer — Reliance Jio Platforms Limited

Dec 2025 – Present

*Jio-XCode — Low-Code/No-Code Platform*

- Led end-to-end development of a Low-Code/No-Code platform enabling rapid hiring and management of 10K+ contract employees under CWMS.
- Integrated Forms.io with a React.js frontend for drag-and-drop form creation, reducing form deployment time by 60%.
- Implemented Keycloak-based authentication and authorization in Java Spring Boot REST APIs, enhancing platform security for 50K+ monthly logins.
- Optimized UI with MUI React components and leveraged Java multithreading to reduce backend processing time by 40%.
- Designed SHA-256 encrypted session management with timed token expiry, strengthening compliance with internal security policies.

### Software Developer — Reliance Jio Platforms Limited

*CWMS — Jio Betterplace*

- Developed middleware services in Java Spring Boot and Django for an enterprise attendance system supporting 25K+ daily check-ins.
- Implemented multi-database interactions across MongoDB, SQL, and MS-SQL, improving data sync reliability by 35%.
- Automated daily migration scripts in Python with Linux cron jobs, reducing manual effort by 100% and improving accuracy.
- Configured Nginx reverse proxy routing for 50+ endpoints, ensuring seamless integration with React Router for frontend navigation.
- Migrated legacy monoliths to Django-based microservices, improving scalability by 40% and cutting API latency by 35% via optimized queries and Redis caching.
- Developed high-throughput REST APIs in Django REST Framework handling 10K+ daily requests with JWT authentication and rate limiting.
- Implemented CI/CD pipelines with GitHub Actions and Azure DevOps, reducing deployment time by 50% and failure rates by 30%.
- Containerized applications with Docker for consistent deployments across dev, staging, and production environments.
- Optimized PostgreSQL database performance through ORM improvements, indexing, and query optimization, improving report generation by 25%.
- Mentored 4 junior developers in Django best practices, improving code quality and delivery speed by 20%.

## Projects

### EmailDoot | Django, LangChain, SMTP, PostgreSQL

- Developed an AI-powered email automation platform integrating LangChain for generating context-aware emails from prompts.
- Implemented bulk email sending via Gmail SMTP (migrating to MailJet) with Excel upload support, enabling campaigns to 5K+ recipients.
- Achieved 99.9% delivery success with secure SMTP configurations and rate limiting.
- Designed analytics dashboard using Django ORM aggregations for campaign performance insights.

### Maeshards ERPC | Django, React, PostgreSQL, Razorpay

- Built a full-stack ERP system for restaurant inventory, sales, and billing, improving operational efficiency by 25%.
- Implemented secure JWT-authenticated REST APIs serving 500+ daily active users.
- Integrated Razorpay payment gateway with webhook-based transaction handling, achieving 99.9% payment success rate.