

# ABHINAV ROY

I am a Full-Stack Developer with five years of experience crafting robust web applications. Proficient in React, Next.js, Django, and Laravel, I've delivered solutions from real-time pricing software to SaaS products, blockchain-based websites, and dynamic live tracking systems for ships. I excel in optimizing code and enhancing performance to consistently deliver high-quality results.

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in Abhinav Roy



## WORK EXPERIENCE

## Software Engineer - eTeam

 2021 - 2025

Remote

## SaaS Multi-Tenancy Portal

- **Led Development of SaaS Recruitment Workforce Management System:** Spearheaded the creation of a comprehensive platform that streamlined the entire hiring process, from job postings to candidate onboarding, enhancing operational efficiency by 35%
- **Designed and Implemented Supplier Portal:** Developed a dedicated interface enabling suppliers to submit candidate profiles and coordinate interviews with hiring managers, reducing the time-to-hire by 25%.
- **Developed Manager and Candidate Portals:** Provided managers with tools to oversee hiring processes and candidates with platforms to track application statuses, resulting in a 40% improvement in communication efficiency.
- **Integrated Attendance Tenure Management:** Implemented features to monitor employee attendance and track tenure milestones, contributing to a 20% reduction in administrative workload.
- **Secured Partnerships with Major Clients:** Played a crucial role in deploying the SaaS product to prominent clients, including Hitachi and Uber, demonstrating the system's robustness and scalability.

## Shardeum Blockchain Platform

- **Website Maintenance and Feature Development:** Played a pivotal role in maintaining and enhancing the Shardeum website, an EVM-based sharded Layer 1 blockchain platform.
- **Comprehensive Website Redesign:** Led a complete overhaul of the website's design, introducing a modern and user-friendly interface that improved navigation and user engagement.
- **Airtable Integration:** Integrated Airtable as a user-handled database, enabling dynamic data retrieval and management, which streamlined content updates and administrative tasks.
- **WordPress API Integration:** Linked various pages with the WordPress API to fetch dynamic content, ensuring consistency and ease of content management across the platform.

## AREA OF INTEREST

- Integrations and API Calls
- Data Management
- Backend Architecture
- Data Optimization
- Code Quality
- Agile Software Development

## STRENGTHS & SKILLS

A word cloud featuring various web development technologies and frameworks. The words are arranged in a grid-like pattern, with each word enclosed in a light gray rounded rectangle. The words include: React.js, Next.js, JavaScript (JS), TypeScript (TS), MySQL, Python, Django, Node.js, Laravel, .NET Framework, REST Framework, Git, API Development Integration, and Agile Software Development. The rectangles are of varying sizes, with 'JavaScript (JS)' and 'TypeScript (TS)' being the largest, and 'React.js' and 'Next.js' being the smallest. The overall layout is clean and modern, with a white background.

## CODING SKILLS

Python	●	●	●	●	●
Laravel	●	●	●	●	●
Django	●	●	●	●	●
React.js	●	●	●	●	●
Next.js	●	●	●	●	●
TypeScript	●	●	●	●	●
JavaScript	●	●	●	●	●
MySQL	●	●	●	●	●
Git	●	●	●	●	●
.NET	●	●	●	●	●
Node.js	●	●	●	●	●

## Associate Software Engineer – CRENEXA TECHNOLOGIES (Acquired By eTeam)

📅 2021 - 2021

📍 Remote

- Collaborative Development of E-commerce Management System: Contributed to the creation of a comprehensive platform managing various aspects of the organization's e-commerce operations, including user authentication, product catalog management, order processing, shipping logistics, and payment integration.
- User Authentication and Authorization: Implemented secure user authentication mechanisms, ensuring data privacy and protection throughout the shopping experience.
- Product Catalog Management: Developed dynamic interfaces for product listings, enabling efficient updates and categorization, enhancing user navigation and experience.
- Order Processing Automation: Streamlined order management workflows, reducing processing time and minimizing errors through automation.
- Payment Gateway Integration: Ensured secure and seamless payment processing by integrating multiple payment gateways, accommodating diverse customer preferences.
- Performance Optimization: Enhanced system performance through code optimization and efficient database management, leading to faster load times and improved user engagement.

## Software Engineer – SWIRL IT SOLUTIONS

📅 2019 - 2021

📍 Remote

### Logistica System

- Development of a Scalable Logistics System: Led the creation of a robust logistics management platform capable of handling thousands of trucks and multiple locations, ensuring seamless operations across the network.
- Dynamic Tax Integration: Implemented a flexible tax module that automatically adjusts to varying tax regulations across different regions, ensuring compliance and accurate financial reporting.
- Optimized Database Queries: Enhanced system performance by optimizing database queries, resulting in faster load times and improved user experience.
- Consignment Management: Developed features to create consignments tailored to specific requirements, including product details, quantities, and shipment information.
- Financial Tracking Modules: Integrated comprehensive financial tracking, encompassing paid and prepaid amounts, vendor balance sheets, acknowledgment receipts, vendor payments, advance payments, and detailed reporting for each transaction.

### Vehicle Tracking and Access Control System

- Led Development of a Comprehensive Vehicle Tracking System: Spearheaded the design and implementation of a system integrating fingerprint recognition, Aadhaar verification, and number plate recognition to monitor and control access for trucks and personnel at designated entry points.
- Enhanced Security Measures: Developed features that automated access control based on biometric and vehicle identification, reducing unauthorized entries by 50%.
- Collaborated with Indian Oil Corporation Limited (IOCL): Instrumental in customizing and deploying the system across 15 to 20 IOCL locations, enhancing their fleet management and security operations.
- Provided Post-Deployment Support: Offered training and ongoing support to client personnel, ensuring seamless integration and operation of the system.

## EDUCATION

### Bachelor in Computer Application (BCA)

📅 2016 -2019

📍 TACT, Bhubaneswar

### Higher Secondary Education

📅 2016

📍 SNSVM, Jharkhand

### Secondary Education

📅 2014

📍 SJCHS, Mosabani

## SOFT SKILLS

Leadership

Hard Working

Ability to work under pressure

Team play

Strong communication

Attention to detail

Self-motivation

Quick learning

Relationship building

Multitasking

Accountability

Flexibility

Critical thinking

Decision making

Adaptability

Problem solving

Time management

Creativity

## OPEN SOURCE CONTRIBUTION - GITHUB

- Shardeum-website
- shardeum/Shardeum-Issuance-Dashboard

## HOBBIES

- Reading Books
- Photography
- Videography
- Playing games
- Building Side Projects
- Open Source Contribution- GitHub

## PERSONAL MOTTO

"Innovate, Optimize, Deliver — Transforming ideas into impactful digital solutions."

Backend Web Developer – IT SCIENT

2019 - 2021 On-Site

Human Resource Management System (HRMS) Development

- Collaborative Development of HR Management System: Contributed to the development and maintenance of a comprehensive HRMS, automating various HR functions to enhance operational efficiency.
- Employee Database Management: Implemented a centralized system to securely store and manage employee data, ensuring compliance with data protection regulations.
- Time and Attendance Management: Developed modules allowing employees to mark attendance online, apply for leave, and record time spent on projects, facilitating accurate tracking and reporting.
- Performance Management: Integrated tools for setting goals, conducting evaluations, and exchanging feedback, promoting continuous employee development.
- Employee Self-Service Portal: Created a user-friendly portal enabling employees to access personal information, complete onboarding processes, and participate in training programs, enhancing engagement and satisfaction.
- Learning Management System: Supported virtual learning and diverse learning styles through assignments, online tests, and course discussions, ensuring a flexible and comprehensive learning experience.
- People Analytics: Developed analytics tools to provide insights into employee retention, performance, and satisfaction, aiding in strategic decision-making.

LANGUAGES

English  
Bengali  
Hindi

