

Shubham Kumar Singha

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EDUCATION

PG-Diploma

Advance Computing

Birbhum Institute Of Engineering And Technology

B.TECH(ECE)

CDAC-Bangalore

Sep. 2023 - March 2024

Suri, West Bengal

Aug. 2013 - May 2017

EXPERIENCE

DyanamicPro Technology Solutions

May 2023- Present

Kolkata, India

- **Architecting Scalable Systems:** Designed and optimized backend architectures to support CRM systems, custom websites, SEO tools, and marketing automation platforms, enhancing system reliability and scalability.
- **API Development:** Developed and implemented robust APIs that ensure seamless data flow between client-facing platforms and internal tools, improving response times and enhancing data security.
- **Database Optimization:** Managed and fine-tuned databases for optimal performance, employing indexing, normalization, and efficient query structuring to support high-volume data handling.
- **Cross-functional Collaboration:** Collaborated closely with front-end developers, designers, and marketers to integrate backend solutions that align with business strategies, particularly in marketing automation and customer management.
- **Security & Compliance:** Ensured the backend infrastructure adheres to security best practices, implementing encryption and authentication measures that comply with industry standards to protect sensitive data.

PROJECTS

Ryne & Olive Food Delivery App || Node.js, Express.js, React js, MySQL

May 2024 - Present

- Executed user authentication features, including sign-up, sign-in, change password, and forgot password functionalities, resulting in a 35% increase in user registration and login success rates.
- Oversaw product operations with CRUD capabilities for 100+ menu items, ensuring accurate descriptions and high-quality images, which led to a 20% increase in customer engagement.
- Configured Chef Dashboard APIs to display weekly and monthly sales, top products, ticket details, and new user registrations, contributing to a 15% increase in revenue through data-driven decision making.
- Developed backend logic for order processing, encompassing add to cart, user profile details, meal details, and order tracking, streamlining the order process and decreasing average order completion time by 25%.
- Stripe Integration for Payment gateway.

Online Examination Portal || Node.js, Express.js, React js, MongoDB

Nov 2023 - April 2024

- Implemented secure login and registration for over 1,000 students and administrators, achieving a 99% success rate in secure access.
- Created functionalities that enabled administrators to create, edit, and delete quizzes and questions, resulting in a 50% reduction in quiz setup time.
- Constructed RESTful APIs using Node.js and Express.js for server-side logic and data management, improving data retrieval speeds by 35%.
- Employed MongoDB Atlas for efficient data storage and retrieval of quizzes, questions, and user information, resulting in a 20% increase in database performance and scalability.

Real Estate Property Verification Portal | Angular, Spring Boot, MySQL

June 2023 - Oct 2023

- **Admin and user Interface:** Formulated an admin panel to manage 1,000+ property listings, verify documents, and update verification statuses, streamlining administrative tasks by 30%.
- **Reporting:** Implemented functionality to generate detailed reports on property authenticity, providing transparency to 200+ buyers and investors and improving trust scores by 20%.
- **Real-Time Updates:** Delivered live updates to keep users informed about the verification process, enhancing user satisfaction by 25%, as indicated by feedback surveys.
- **Fraud Detection:** Reduced fraudulent property listings by cross-verifying with authoritative databases, leading to a 15% decrease in reported fraud cases.

TECHNICAL SKILLS

Languages: Java, C/C++, SQL (Mysql), MongoDB, JavaScript, HTML/CSS,

Frameworks: React js, Node js, Express js,

Dev Tools: Git, VS Code, Visual Studio, Eclipse

Libraries: Redux