ANIRUDDHA PANDEY

WEB DEVELOPER

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EXPERTISE

- **JAVA**
- **Spring Security**
- **Spring MVC**
- **Spring Boot**
- **MVC Architecture**
- **Hibernate**
- **Microservices**
- **JSP**
- **Node.js**
- **Express**
- **AWS / GCP**
- **Angular**
- **MySQL/Mongodb**
- **JDBC**
- **HTML/CSS/JS**
- **Firebase**

ABOUT ME

- **My Current Location: Koramangala, Bangalore.**

- **I specialize in Backend API development.**

- **Leveraging the capabilities of Java 8 alongside the Spring framework and Hibernate stack**

- **In conjunction with the Node.js and Express stack, enhances the overall functionality and efficiency of the application..**

CONTACT

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EXPERIENCE

Web Developer

IG INFOTECH (INDIA) PRIVATE LIMITED

- **Backend Development Experience**: I have **3.5 years of experience** in **backend development. Java stack** for building interactive web applications.
- **Expertise in Java Technologies**: I am proficient in **Java, Spring Security, Spring MVC, Spring Boot, Hibernate, Microservices, JSP, JDBC, and MySQL/MongoDB**.
- **Secondary Experience with Node.js and Express**: Although I've also worked with **Node.js and Express**, my primary expertise lies within the Java ecosystem.
- **Security Implementation**: Implemented security measures using Java technologies like **Spring Security, JWT, Sanitization, Routing, Middleware, cookie**s, etc.
- **SEO Optimization**: Leveraging Java technologies, I ensure high performance of web applications, with **load times of less than 3 seconds**.
- **Client Collaboration**: Actively participating in client meetings, I contribute to determining website goals and strategies, fostering successful business relationships

PROJECTS

FinancialHub: A comprehensive banking application solution | JAVA, Spring Boot, Hiberbnate, Spring Security, MySQL etc.

- **Seamless Integration**: FinancialHub seamlessly integrates with existing banking systems and infrastructure, minimizing disruption and streamlining implementation for financial institutions.
- **Scalability and Customization**: The platform offers scalability and customization options to adapt to the evolving needs and requirements of financial institutions, enabling them to tailor the banking experience to their specific market segments and business objectives.
- **Advanced Analytics and Insight**s: FinancialHub provides financial institutions with comprehensive analytics and insights into customer behavior, transaction trends, and market dynamics, empowering them to drive business growth.
- **Total members:** 5
- **My role:** Developer

SkyReserve: An extensive flight booking backend solution | **Java, Spring Framework, Hibernate/JPA, MySQL, Rest API, Micro-services, Kafka, Swagger etc.**

- **Real-time Data Processing**: With Kafka integration, SkyReserve enables real-time data processing and event-driven architecture, ensuring timely updates and notifications for flight status, delays, and disruptions.
- **Secure Data Storage**: SkyReserve employs secure data storage practices using MySQL databases with encryption and data integrity measures to safeguard sensitive passenger information and ensure compliance with data privacy regulations.
- **RESTful AP**I: The RESTful API provided by SkyReserve facilitates seamless interaction with external systems, enabling partners, travel agencies, and other stakeholders to access flight information, make bookings, and retrieve reservation details.
- **Total members**: 10
- **My role**: Backend Developer

MarketHub: **Robust e-commerce backend solution** | **Java, Spring MVC, Spring Framework, MongoDB, Rest-API, Redis, Kafka, Swagger etc**.

- **Data Flexibility with MongoDB**: Utilizing MongoDB as the database solution, MarketHub offers unparalleled flexibility in managing diverse types of product data, customer profiles, order information, and more.
- **Caching with Redis**: MarketHub utilizes Redis as an in-memory data store for caching frequently accessed data, such as product listings, session information, and user preferences, to optimize performance and reduce latency.
- **Total members**: 8
- **My role**: Backend Developer

BusBookingHub: **A thorough bus ticket booking backend solution** | **Java, Spring MVC, Spring Boot, Hibernate/JPA, JWT, MongoDB/MySQL, Rest-API, Redis, Kafka, Swagger etc**.

- **Scalable Architecture**: Built on Spring Boot and Spring MVC frameworks, BusBookingHub features a scalable and modular architecture that can accommodate a high volume of concurrent users and transactions, ensuring reliability and performance under heavy loads.
- **Secure Authentication with JWT**: BusBookingHub implements JSON Web Tokens (JWT) for secure authentication and authorization, ensuring that only authorized users can access booking features and sensitive information.
- **Caching with Redis**: BusBookingHub utilizes Redis as an in-memory data store for caching frequently accessed data, such as route information, seat availability, and user sessions, improving system performance and responsiveness.
- **Dynamic Pricing**: The platform supports dynamic pricing algorithms that adjust ticket prices based on factors such as demand, time of booking, seat selection, and route popularity, maximizing revenue for bus operators while offering competitive fares to passengers.
- **Promotions and Discounts**: Operators can create promotional offers, discount codes, and loyalty programs within BusBookingHub to incentivize bookings, attract new customers, and retain existing ones, fostering customer loyalty and engagement.
- **Interactive API Documentation with Swagger**: BusBookingHub provides interactive API documentation powered by Swagger, allowing developers to explore API endpoints, understand request/response formats, and test API functionality effortlessly.
- **Total members**: 15
- **My role**: Backend Developer

Blog-Application: **Complete blog application backend solution** | **Java, Spring Boot, Firebase Authentication, Micro-services Architecture, Hibernate/JPA, JWT, MongoDB/MySQL, Rest-API, Redis, Kafka, Swagger etc.**

- **Microservice Architecture**: Utilizes a microservices architecture to break down the application into smaller, independent services, each responsible for specific functionalities such as user authentication, blog management, and content delivery.
- **Firebase Authentication**: Integrates Firebase Authentication for secure user authentication and authorization. Supports multiple authentication methods including email/password, social logins (e.g., Google, Facebook), and phone number verification.
- **JWT (JSON Web Tokens) for Authentication**: Implements JWT-based authentication for stateless and secure user authentication. Generates and validates JWT tokens to authorize users' access to protected resources.
- **Redis for Caching**: Integrates Redis in-memory data store for caching frequently accessed data. Improves application performance and responsiveness by caching user sessions, blog posts, and frequently queried data.
- **Total members**: 15
- **My role**: Backend Developer

EDUCATION

BITM Santiniketan,W.B.   *2017 - 2021/22*

Bachelor of Technology in Computer Science   **Score: 8.91 CGPA**

ACHIEVEMENTS

- Contributed to more than 60+ project on GitHub demonstrating high level of proficiency in diverse tools and technologies.
- Designed and Deployed multiple Web apps, which are live and made available for public use.
- Achieved milestones in optimizing API performance, leading to a 20% reduction in response times and enhanced overall system reliability.