

Akshay Vishwakarma

Mumbai, IN

Java Developer

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A Java Developer skilled in designing and building robust backend systems and APIs using Java and related frameworks. I am passionate about mastering new Java technologies and frameworks, and I strive to leverage my technical expertise and problem-solving skills to deliver scalable, high-quality solutions that add value to the organizations I work with.

Technical Skills

- **Languages** :- Python, JavaScript, Java, Php, Ajax, TypeScript.
- **Frameworks** :- Spring Boot, CodeIgniter 3, Laravel, Next.js, Django, Express.js, Spring MVC.
- **Web** :- HTML, CSS, Bootstrap, react, Tailwind CSS.
- **Database** :- MYSQL, Mongo DB, Neon DB.
- **Developer Tools** :- Postman, Github, Docker, Stripe, OAuth, Apache Kafka.

Experience

Magical Balloons Agency | Mumbai | January 2025 – Present.

- Custom Website Development: I have developed fully custom websites, ensuring performance, security, and scalability.
- Backend Development: Handle server-side logic, database architecture, RESTful API integrations, and secure data handling.
- Frontend Integration: Work with HTML5, CSS, JavaScript (and Ajax) to create responsive and user-friendly interfaces.
- Database Management: Design and maintain MySQL databases, including complex queries, normalization, and performance optimization.
- System Architecture: Plan and implement clean MVC architecture following best practices for separation of concerns and reusability.
- Website Maintenance & Support: Maintain legacy systems, troubleshoot issues, implement bug fixes, and apply performance enhancements.

Projects

Fitness Management (Spring Boot Framework)

- The system uses multiple independent microservices (ActivityService, AiService, UserService, etc.), each responsible for a specific business function, and these services communicate mainly through REST APIs.
- Centralized configuration is handled by a ConfigServer, and service discovery is managed by Eureka, allowing microservices to dynamically locate and interact with each other.
- An API gateway routes all external requests securely to the appropriate backend services, acting as a single-entry point and enforcing request policies.
- OAuth2 authentication secures the entire application, ensuring that only properly authorized users can access specific endpoints, thus providing robust, modern security across all microservices.
- Apache Kafka is used for asynchronous event streaming and messaging between microservices, providing reliable communication, scalability, and resilience
- <https://github.com/AK1715/MicroService-of-Java-Fitness-Management>

Lingo is a modern language learning live website (Next.js 15.4 Framework)

- Developed a web application for language learning named Lingo.
- Used Next.js framework for server-side rendering and React-based frontend development.
- Styled the application with Tailwind CSS for a responsive and modern user interface.
- Implemented TypeScript for type safety and improved code maintainability.
- Integrated Stripe payment gateway for secure and seamless handling of user payments.
- Enabled premium features and transaction processing through Stripe integration.
- Focused on delivering a smooth learning experience with efficient frontend-backend interaction.
- Drizzle ORM with Neon DB (PostgreSQL) manages all user and transaction data.
- The app is hosted on vercel for optimized deployment, performance, and scalability.
- The frontend uses a responsive React.js interface styled with Tailwind.
- <https://lingo-ak.vercel.app>

Cargo and Baggy Jeans E-commerce Website (Django Framework)

- Developed a full-featured e-commerce website using Python Django framework.
- Integrated Razor pay as the payment gateway for secure and seamless online transactions.
- Utilized Django's built-in admin panel for efficient product management and order tracking.
- Implemented essential e-commerce functionalities like product listing, cart management, and checkout.
- Focused on building a scalable and user-friendly platform for online shopping.
- <https://github.com/AK1715/Website>

Education

Bachelor In Computer Application

- Yashwantrao Chavan Maharashtra Open University.

2021 – 2024