

AMOGH YELASANGIKAR

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EXPERIENCE

Capgemini - Analyst / Software Engineer

Feb 2023 - Present

- Developed and maintained RESTful APIs within a microservices architecture using **Spring Boot**, **Java**, and **PostgreSQL**, contributing to a 30% reduction in API response times through optimized queries.
- Utilized **Postman** for testing web services and **APIs** to validate endpoints and ensure communication between services was seamless.
- Collaborated with cross-functional teams to design, develop, and enhance APIs, ensuring seamless system performance and scalability. Proactively resolved bugs and implemented new features to improve overall functionality and user experience
- Internal** - Developed and deployed PowerShell bots to automate server tasks, integrate with MFOO, and improve data retrieval by 80%, while adapting to client needs. Ensured bot security through encryption, rigorous testing, and seamless deployment support.

SKILLS

Languages: Java, Core Java, Python, JavaScript, C

System Design: High Level Design, Distributed Systems

Databases : PostgreSQL, MySQL

Frameworks : Spring MVC, Spring-Boot, ReactJS

Others : API- Gateway, Git, Cloud Computing, Azure, Linux, HTML, CSS, Docker, Kubernetes

EDUCATION

PDA College of Engineering, Computer Science and Engineering - CGPA : 7.54

2022

Relevant Coursework: *Database Management, Web Programming, Data Structures, Computer Networks, Operating Systems.*

PERSONAL PROJECTS

Amazon Clone – E-commerce Website

(Vanilla JavaScript, HTML, CSS)

- Developed a fully functional e-commerce website inspired by Amazon using vanilla JavaScript, HTML, and CSS.
- Implemented key features such as product listings, shopping cart, checkout system, and order summary.
- Utilized local storage to maintain cart persistence and dynamically update the UI based on user interactions.
- Optimized performance by efficiently handling DOM manipulation and reducing redundant re-renders.

VectoRent - Renting Web Application (On Going)

(Java, Springboot, React)

- Developed the House API from scratch using Java Spring Boot, focusing on house listings, bookings, and availability.
- Designing and optimizing PostgreSQL database with Spring Data JPA, using custom SQL queries for efficiency.
- Actively managing tasks on Trello, collaborating in an agile workflow for seamless development.
- Continuously improving API reliability by implementing validation, exception handling, and security measures.

Product Catalogue System

(Java, Spring, Docker)

- Developed a full-stack E-commerce leveraging Java Spring Boot, Angular, and MySQL.
- Implemented secure user authentication with role-based access control for both customers and administrators.
- Designed an order management system for real-time order placement, tracking, and seamless updates.
- Automated the generation of detailed bills with accurate calculations for item totals, taxes, and discounts.

CERTIFICATIONS

JAVA Spring Boot Course | Udemy

- Gained knowledge of Java syntax, OOP principles, and building Java applications, along with completing a Udemy course on Spring Boot and Microservices architecture.

Azure Cloud Fundamentals AZ-900| Udemy

- Completed a course on Udemy and earned certification for AZ-900 Azure Fundamentals, gaining foundational knowledge of cloud services and how Microsoft Azure supports various business processes.

Python Programming Course| Udemy

- Gained proficiency in Python including core concepts, data structures, and object-oriented programming.