

SHUBHAM TIWARI

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CAREER OBJECTIVE

As a skilled IT fresher with proficiency in Java, I am seeking a challenging role in software development where I can apply my technical knowledge and analytical skills to develop robust and scalable software solutions. I aim to work in a dynamic environment that offers opportunities for growth, learning, and innovation while contributing to the success of the organization.

TECHNICAL SKILLS

Programming Languages: Java, MySQL, C++

Frontend Technologies: React (Beginner), HTML, CSS

Frameworks : Spring, Spring Boot

Development Tools :

- IDE/Editors: Spring Tool Suite, IntelliJ IDEA, Eclipse, VSCode.
- Databases: MySQL Workbench, MongoDB Compass
- DevOps Tools : Docker

Testing Tools : Postman

INTERNSHIP

Anveshak Technology and Knowledge Solution, Pune

03/07/23 - 31/08/23

Title: Employee Management System

Description: Developed a robust Employee Management System using Spring MVC framework. Implemented the full CRUD functionality to manage employee records effectively.

Technologies: Java, Spring MVC, JdbcTemplate, MySQL, Spring Security, JSP, AJAX.

Key Features:

- Created a user-friendly interface using JSP and incorporated AJAX for seamless and responsive user interactions.
- Implemented secure user authentication and role-based authorization using spring security, ensuring data integrity and privacy.

PROJECTS

Project 1) Title: Shopeazy (E-Commerce Application)

Description: Developed a full-stack E-commerce platform with secure user authentication, role-based access, and an integrated payment gateway.

Technologies & Tools : Java, Spring Boot, Spring Security, JWT, MySQL, React, Tailwind-CSS, Docker, STS, Postman

Key Features:

- Implemented secure user authentication and **role-based access** using JWT and Spring Security.
- Integrated Razorpay for seamless payment simulation and transaction workflows.

Project 2) Title: Smart Contact Manger

Description: Developed a contact management application allowing users to create, update, and organize contacts with functionalities like photo upload, pagination, and data export to Excel. Java Email Sender for notifications.

Technologies & Tools : Java, Spring Boot, Spring MVC, Spring Security, **OAuth**, JPA, JWT, MySQL, Thymleaf, Cloudanry, React Tailwind, Java Email Service, Docker, IntelliJ, Postman (To test API end Points)

Key Features:

- OAuth login integration (Google/GitHub) for secure access.
- Cloudinary storage for contact photo uploads and data management.

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Project 3) Title: Crypto Trading Platform with AI Chatbot

Description: Developed a comprehensive crypto trading platform with portfolio management, wallet functionalities, and real-time **cryptocurrency data retrieval through Gemini and CoinGecko APIs**. Integrated secure user authentication with **two-factor authentication** and payment gateways like Razorpay

Technologies & Tools : Spring Boot, Gemini API, CoinGecko API ,React, Tailwind, Razorpay, Docker, IntelliJ, Postman

Key Features:

- **AI Chatbot** for real time crypto insights and market data retrieval.
- End to End transaction management with wallet to wallet transfer, secure withdrawals.

Project 4) Title: Task Management System (Microservice Architecture)

Description: Developed a scalable task management platform that allows admins to allocate tasks to team members, set deadlines, monitor progress, and manage project submissions efficiently through microservices.

Technologies & Tools : **Spring Boot**, PostgreSQL, MySQL, MongoDB, **Kafka**, **Eureka**, **API Gateway**, **Load Balancer**, JWT, React, tailwind CSS, Docker, IntelliJ, Postman

Key Features:

- Integrated **Zookeeper-Kafka** for message brokering and real-time updates on task progress and submissions.
- Implemented load balancing to distribute requests across **microservices**, ensuring high availability and fault tolerance.

Project 5) Title: Expense Tracker (Microservice Architecture)

Description: Developed a microservice-based Expense Tracker application that allows users to manage and track their expenses, project leverages multiple databases for different services and is containerized for scalability

Technologies & Tools : Spring Boot, PostgreSQL, MySQL, MongoDB, Spring Security, JWT, **Eureka**, **API Gateway (Kong)**, **RabbitMQ**, **Docker**, **Kafka**, IntelliJ, Postman(to test API end Points)

Key Features:

- **Multi-database microservices architecture** to handle different services with PostgreSQL, MySQL, and MongoDB, ensuring optimized data management and scalability.
- RabbitMQ for **asynchronous communication** between services, enhancing system resilience and efficiency.

Title : UNIFIED HEALTH INTERFACE (CDAC - PROJECT)

Duration: 1 Month

Description: The Unified Health Interface acts as a market enabler and provides multiple services. The Interface is an attempt to build interoperability between healthcare providers and facilitate the exchange of healthcare data, ultimately making quality healthcare accessible and affordable.

WORK EXPERIENCE

Twin Seal Tech Pvt Ltd.

Role : Internal Engineer

Role And Responsibilities :

- Optimized order processing workflows and inventory control using SAP SD.
- Analyzed client RFQs/RFPs to develop technical and commercial proposals for OEMs.
- Managed end-to-end project lifecycles, ensuring timely delivery and alignment with client requirements.
- Delivered after-sales technical support, resolving queries and maintaining project alignment.

EDUCATION

• <u>CDAC</u>		Bengaluru, Karna		Mach 2023
ACTS : Post Graduation Diploma In Advance Computing	-		Percentage :	64.63 %
• <u>Bachelor Of Engineering</u>		Pune, Maharashtra		September 2018
Pune University : Mechanical Engineering	-		Percentage :	65.13 %
• <u>Diploma (M.S.B.T.E)</u>		Pune, Maharashtra		September 2015
MIEER'S MIT : Diploma in Mechanical	-		Percentage :	79.64 %