

Karasani Pavani

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WORK EXPERIENCE

Societe Generale Global Solution Center

Software engineer - application development

Apr 2024 - Present

- Developed & Optimized microservices with Spring Boot and Java, improving performance by 20%.
- Secured databases with encryption at rest, improving data integrity by 30% and ensuring compliance.
- Engineered secure features with Angular and Spring Boot, safeguarding user data and enabling seamless, secure transactions through tightly integrated backend and frontend systems.
- Streamlined CI/CD pipelines, cutting deployment time by 40% with added security.
- Conducted thorough testing and debugging to identify and resolve issues.

EDUCATION

Vasireddy Venkatadri institute of technology

Bachelor of Technology | Computer Science and Engineering - 8.89

Aug 2019 - Apr 2023

PROJECTS

Online KYC Platform

Tech Stack : React, ASP.NET Web API, PostgreSQL

Online KYC Platform enabling seamless identity verification for customers and efficient application management for admins

- Built intuitive front-end interfaces using **React** for customer sign-up, login, real-time KYC application tracking, and admin dashboards
- Designed and implemented RESTful APIs with **ASP.NET Web API** to handle authentication, KYC submissions, approval workflows, and role-based access control
- Architected a robust backend with **PostgreSQL** to store user data, KYC application history, and status logs with transactional integrity.

Social Network Platform

Tech stack : Angular, Java, Spring Boot, MySQL

Social Networking Platform facilitating user interaction through profile creation, friend connections, and content sharing

- Developed responsive user interfaces with **Angular**, enabling seamless navigation, profile management, and interactive social features
- Built and optimized backend APIs using **Spring Boot** and **Java** to handle user posts, comments, likes, and friend relationships, ensuring consistent real-time data flow.
- Designed a normalized schema in **MySQL** to store user profiles, connections, posts, and engagement metrics with relational integrity.

SKILLS

Languages : Java ,Python, Data Structures, Basics of C, JavaScript, HTML, CSS

Frameworks/Libraries : Spring Boot, Node JS, Angular, React

Databases : MYSQL, PostgreSQL

Dev Tools : Git, GitHub, Postman, VS Code, ASP.NET

Achievements

- Qualified Infytq 2022 & HackWithInfy 2022
- Qualified JEE main with 91 Percentile and AP EAMCET 6821 Rank