PALAK KALSI

Software Engineer

✉ palakkalsi525@gmail.com | in LinkedIn | ⏻ GitHub

⟲ LeetCode | ▥ HackerRank

Skills

Languages: Java, C#, C++, Python, SQL, HTML5, CSS3, Javascript.
Utility: Linux, Git, Windows Forms .NET, Docker, Swagger, Jira, Postman, Perforce.
Tech Stack: Maven, Redis, SpringBoot (Basics), (REST) APIs, Azure, MS SQLServer, OAuth, OpenAPI, Postgres.

Experience

Software Engineer - 2 February 2022 - Present
TietoEvry, Bengaluru (Remote), India

- **Facility Management Application, CBRE (US)**
  Description: Developed a facility management application to enhance asset tracking, maintenance, and technician management for commercial real estate operations. Focused on streamlining the work order process and automating key tasks to improve operational efficiency.
  Responsibilities:

  - Implemented asset tracking, preventive maintenance, and technician management modules, improving work order processing efficiency by 15%.
  - Automated purchase order generation and optimized property data search using Redis caching and SQL Server, boosting operational efficiency by 12% and reducing manual tasks.
  - Developed RESTful API endpoints for external vendor systems, enhancing work order management and increasing submission efficiency by 7%.
  - Provided L3 support for escalated production issues, achieving a 10% reduction in system downtime.

- **Claims Processing System, Axa (France)**
  Description: Contributed towards the development of a centralized platform for efficient insurance claims management, featuring real-time updates and automation to streamline claims handling.
  Responsibilities:

  - Enhanced real-time claim status updates, improving client transparency and satisfaction by 10%.
  - Developed and optimized REST APIs for critical business features, increasing API response times by 5%.
  - Implemented OAuth for user authentication, reducing unauthorized access attempts.
  - Contributed to the development of a monolithic architecture, including deployment and maintenance, which improved system reliability by 12%.

Software Engineer - 1 July 2019 - January 2022
TietoEvry, Chandigarh, India

- **Credit Score Analysis, Norges Bank (Norway)**
  Description: Automated platform for real-time credit score evaluation, integrating data from multiple sources with a microservices architecture.
  Responsibilities:

  - Implemented real-time credit scoring with Kafka, reducing decision-making time by 25%.
  - Developed REST APIs, streamlining delivery and improved API response times.
  - Optimized data caching with Redis, cutting database load by 20% and boosting application performance.
  - Contributed to scalable microservices design, improving system scalability.

Education

Chandigarh University Punjab, India
Bachelor of Engineering - Computer Science July 2015 - June 2019
CGPA: 7.9

Personal Project

Portfolio:
JavaScript, HTML, CSS
Built a portfolio website to showcase my web development skills and track ongoing projects. Link