Deepali Kundwani

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Work Experience

BOSCH GLOBAL SOFTWARE TECHNOLOGIES   Bangalore, India
Senior Software Engineer   January 2023 – January 2024
- Designed a robust and scalable risk assessment web application using object-oriented programming principles and industry-standard design patterns. The system architecture enabled seamless integration and high availability, supporting over 4,000 users across 5 warehouses in 3 countries.
- Developed REST APIs for role-based access controls in web applications, enabling user authorization and reducing the risk of unauthorized access by 40%. Implemented using Java.
- Created user interface for health check dashboard that allows system administrators to monitor a risk assessment web application, improving performance of the tool by 30%. Implemented using a combination of HTML5, CSS3 and JavaScript.
- Contributed in code review processes for newly added or updated features in web applications, ensuring a high standard of code quality.

BOSCH GLOBAL SOFTWARE TECHNOLOGIES   Bangalore, India
Software Engineer   August 2019 – December 2022
- Implemented a robust mail service using Java to enable the web application to automatically send email notifications to administrators based on user-reported incidents.
- Developed user interface of a promising effort tracking tool application. Implemented using React.js.
- Integrated Bosch Enterprise Application into a core data tool using Java, enabling users to reuse site data in the Enterprise application.

Education

RAJASTHAN TECHNICAL UNIVERSITY   Ajmer, India
B.Tech. in Computer Science, percentage: 73.4%   June 2019
Relevant Coursework: Data Structure and Algorithms, Programming Languages, Database Management System, Software Development, Object-Oriented Programming.

KV School   Phulera, India
High School, percentage: 80.33%   May 2015

Technical Skills & Projects

Programming: C++, Core Java, JavaScript, SQL
Skills: React.js, Spring Boot, AWS, GIT, MongoDB, Oracle, MVC, Design Patterns, Problem-solving.

E-wallet Project: A Wallet Banking Application   February 2024 – April 2024
- Developed E-wallet application which allows users to do transactions. Implemented a mail service enables the web application to automatically send email notifications on every single transaction.
- Used JWT token for authentication of the user and Bcrypt password encoder for password hashing.
- Used Junit for unit testing of backend and Jest for unit testing of frontend of the application.
- Implemented using React.js, Java Spring Boot and MongoDB.

Achievements and Certifications
- AI Search methods for problem-solving organized by IIT Madras.
- Microsoft Azure Fundamentals.