Rohit Saini

Software Developer

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SUMMARY

Passionate software developer dedicated to crafting seamless digital solutions. Well-versed in a wide spectrum of software development areas, from front-end to back-end, with a commitment to producing optimized code and scalable software solutions. Committed to continuously learning and adapting to stay at the forefront of emerging technology trends.

Experience

BrandSpark Technology – *Backend Developer*   02 Jan, 2024 – *present*

- Key Skills: **JAVA, Spring-Boot, PostgreSQL, JWT, Unit Testing, BDD Testing, Docker**
- Designed and implemented Authentication and Authorization System to ensure secure user access.
- Designed and implemented Api-Gateway to filter request and redirect to respected microservices.
- Collaborated closely with the team on code reviews and sprint planning, ensuring high code quality and timely delivery.
- The microservice's aim is to streamline data processing and enhance scalability by leveraging Java and Spring-Boot frameworks, while ensuring robust data management through PostgreSQL

PROJECTS

Cloud Storage Recovery (Link)   15 Oct, 2023 – 30 Nov, 2023

- Key Skills: **Node.js, MongoDB, Google OAuth**
- Developed a Cloud Storage Data Recovery System using Node.js, enabling efficient backup and point-in-time restoration of critical data.
- Integrated major cloud storage service like Google Drive, implemented versioning for files (max size: 16mb), and ensured robust security measures for data protection.
- Designed a user-friendly web interface, enhancing accessibility and providing detailed logs for auditing purposes.

Smart Attendance Using RFID (Link)   10 March, 2023 - 5 Apr, 2023

- Key Skills: **Internet of Things, ThingSpeak, NodeMCU, RFID, Python**
- Designed and implemented an RFID-based attendance system using the RFID RC522 module and tags.
- Identify tags and validate UID with an existing database to verify authenticity and prevent multiple tapping. After successful validation, the system sent a confirmation notification to the user's email address in real-time.

Employee Management System (Link)   03 July, 2022 - 25 Aug, 2022

- Key Skills: **C++, OOPs**
- Employee Management System allows you to manage employee attendance, stores Employee's details and help in generation of payroll based on attendance.

Hospital Management System (Link)   20 Apr, 2022 - 14 May, 2022

- Key Skills: **Android Studio, Java, MySQL**
- Hospital Management System allows patient to register themselves and book appointment. Admin assign patient to doctor. Doctor on login can see the patient assign to them.
- Separate Patient login that only allows to see the past booking and prescriptions.

CERTIFICATION / TRAININGS

National Academic Immersion Program, NITTTR Bhopal, 10 Apr, 2023 - 21 Apr, 2023

- Key Skills: Mind-Sphere, Industrial IoT, Java
- Training on Mind-Sphere software and works with the Mind-Connect Nano Gateway used for Industrial IoT
- Training on Android App Development

EDUCATION

Dr. Vishwanath Karad MIT World Peace University, Pune, 2020-2024
B.Tech. - Computer Science & Engineering - MIT – WPU | CGPA: **9.23/10**

Bright Day School CBSE, Vadodara 2017-2019
12th | CBSE | Percentage: **83.20/100**
10th | CBSE | CGPA: **8.4 /10**

SKILLS

Data Structures & Algorithms, OOP, C++, Java, HTML, CSS, JavaScript, Node.js, MYSQL, MongoDB