Rushabh Mehta

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EDUCATION

SUNY Binghamton University   Binghamton, NY
Master's of Science in Computer Science   *Aug. 2022 – May 2024*

University of Mumbai   Mumbai, India
Bachelor's of Engineering in Computer Science   *Aug. 2017 – May 2021*

TECHNICAL SKILLS

Languages: Java, C++, Javascript, Python, C, Dart, HTML, CSS, TypeScript, Bash Scripting
Frameworks: Flutter, React.Js, Spring Boot, Spring Cloud, Spring Security, Node.Js
Developer Tools: Amazon-web-service, Google Cloud, Azure, Docker, Kubernetes, Microservices, Maven, Gradle, Kafka, JWT Security, KeyCloak, REST APIs, MockMVC
Database: SQL, MySQL, NoSQL, AWS DynamoDB, PostgreSQL, MongoDB, Firebase
Software Development Skills: Agile methodologies, Scrum, Software Development Life Cycle

EXPERIENCE

Software Engineer   Sep. 2021 – May 2022
Millicent Technologies   *Mumbai, India*
- Developed a full-stack application with Flutter, Spring Boot, Spring security, MongoDB, Jenkins, and Ansible
- Conducted integration testing using MockMVC, ensuring a 90% test coverage
- Built a community app for connecting users based on location, resulting in a 70% boost in engagement
- Enabled location-based query posting for community assistance in discovering attractions and cuisine, yielding a 60% rise in user satisfaction

Full Stack Developer   Sep. 2020 – Aug. 2021
Freeloc IT Solutions   *Mumbai, India*
- Crafted a mobile app with Spring Boot, Flutter, and MySQL for listing entities and booking appointments
- Employed JavaScript for appointment management, integrated Firebase for reminders
- Enhanced user security by over 50% with Spring Security, implementing JWT, CORS, CSRF and security filters
- Utilised Apache Kafka for real-time data processing, reducing data latency by 40%

PROJECTS

Heuristic Path Finding Algorithms | *HTML, CSS, Javascript*   Feb. 2024 – Mar. 2024
- Led creation of diverse pathfinding methods, prioritizing optimal route discovery, and utilized advanced JavaScript
- Conducted thorough research into pathfinding factors, enhancing methodologies with BFS, DFS, Dijkstra, A*, and Greedy BFS algorithms, while integrating maze creation functionalities
- Attained precision enhancement by introducing unique features like wall drawing, speed control, and pixel-level adjustments, enriching user interaction and customization

Banking System | *Multi-Threading, Java, Maven, Git*   Sep. 2023 – Nov. 2023
- Developed a Java-based banking system with multithreading and AES encryption for secure communication
- Implemented private and public key pairs for secure key exchange and AES-encrypted password authentication
- Integrated Spring Security for transaction authentication and authorization
- Added login, balance checking, and fund transfer functionalities for registered users, boosting user engagement and satisfaction by 60%

MediCall | *Spring boot, AWS DynamoDB, Lambda, Flutter, API Gateway*   Jan. 2020 – Mar. 2020
- Created a healthcare platform with all the details about doctors
- Made it easy for users to schedule appointments, make video calls with doctors, and store their heart rate data
- Used Flutter to make the platform work on both Android and iOS devices
- Added a messaging feature using AWS Lambda and API Gateway for smooth communication