

Mihir Salunke

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Education

Northeastern University, Seattle, WA
Master of Science in Information Systems

GPA: 3.9/4.0
Dec 2020

Savitribai Phule Pune University, India
Bachelor of Engineering in Electronics and Telecommunication

May 2017

Technical Skills

Programming Languages: JavaScript, Java, Python, Swift
Web Technologies: ReactJS, Node.js, Express.js, Next.js, HTML 5, CSS3, JavaScript, JSON, XML, REST APIs
Database: Couchbase, MongoDB, MySQL, DynamoDB
Platforms / Tools: Git, Jest, Maven, Cypress, Xcode, Postman, Jenkins, TeamCity, Flask, JIRA, Swagger/OpenAPI, JMeter

Professional Experience

LivePerson, Seattle, WA
Software Development Engineer I

March 2021 – Present

- Developed a service portal for Conversation Orchestrator services and added Analytics UI Dashboard for the services
- Improved overall look and feel of the Conversation Orchestrator web app by implementing various UI components like toasters, banners, modals, and implemented search & paginate feature
- Added integration test using React Testing Library and end-to-end test using Cypress
- Developed and tested REST based backend services. Participated in development of technical specification and documentation
- Debug production issues and help maintain existing codebase. Participate in on-call rotations

Nokia, Naperville, IL
Software Engineer Co-op

March 2019 – Dec 2019

- Created a chatbot for Small Cell 5G Systems Engineering team to assist the development and deployment of 5G RAN architecture
 - Developed a service gateway for chatbot to make necessary API calls and integrated it with Nokia MIKA framework using Java
 - Designed and implemented REST APIs for an internal search-engine that leverages machine learning and exposed the APIs endpoints to the chatbot using Python
 - Optimized performance of the chatbot by multi-threading API calls thereby reducing server overhead by more than 70%
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Independent Projects

Chess-App: (<https://github.com/mihirsalunke/iOS-ChessApp>)

May 2020

- Successfully developed a Chess App with responsive UI for iOS devices (iPhones and iPads) using Swift and Xcode
- Integrated it with an open-source chess API engine which supports single-player and multiplayer modes
- Created a Chess AI implementing Minimax algorithm and Alpha-Beta pruning

Recipe Web App: (<https://github.com/mihirsalunke/Recipe-App>)

April 2019

- Developed a web application for storing food recipes using ReactJS for the view layer and Express – Node.js serving as the backend and implemented RESTful web services to add recipes, get the list of recipes and get recipe details
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Academic Projects

Web-based Chat App: (<https://github.com/mihirsalunke/Chat-App>)

Spring 2019

- Successfully developed a chatting application for multiple users using HTML, CSS, Express.js, Node.js
- Augmented the application behavior with frontend JavaScript and implemented REST services to be polled every 5 seconds to update the messages and user list

Student Course Registration System

Spring 2019

- Developed a RESTful web service using JAX-RS Jersey, with APIs performing CRUD operations. Allowing students, professors and registrars to create, register and manage courses. Core technologies used were DynamoDB for persistence, SNS for email-notifications, Lambda for serverless computing and Step functions for orchestrating workflows.

Vehicle Dealership and Inventory Management System

Fall 2018

- Developed the backend design of a vehicle search system with features such as filtering, sorting and updating inventory
- Implemented design patterns via Java Interfaces to improve code readability by 20%
- Applied Object-Oriented Programming methodologies to update and access data to and from the database using JDBC