

SAHIL SUNIL GHARAT

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EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

Master of Science, Computer Science & Engineering

Dec 2023

Relevant Coursework: Data Modeling & Query Language, Analysis of Algorithms, Distributed Systems, Blockchain App Development

SARDAR PATEL INSTITUTE OF TECHNOLOGY, MUMBAI, INDIA | GPA: 3.55/4.00

Bachelor of Technology in Electronics Engineering

May 2021

PROFESSIONAL EXPERIENCE

Software Developer Intern (SDE Intern), INSTITUTIONAL SHAREHOLDER SERVICES, Norman, OK, USA

May 2023 - Aug 2023

- Transformed Figma designs into blazing-fast user interfaces for Proxy Exchange, optimized image storage with Cloudinary, and ensured seamless compatibility across 3 platforms: iOS, Android and Windows.
- Engineered, streamlined code for Orbit, accomplished 30% UI improvement and 50% reduction in feedback time.
- Orchestrated scalable solutions for Proxy Exchange, handling over 1000 simultaneous users, delivering exceptional UX.

Software Developer (SDE), INSTITUTIONAL SHAREHOLDER SERVICES, Mumbai, India

Jan 2021 - Jul 2022

- Planned SDLC for 3 applications, leveraging Java, Selenium, and TestNG to revamp automation, slashing regression time by 24 hrs.
- Innovated API testing with JMeter, quadrupled testing efficiency, automated post-testing tasks with Python and oversaw RESTful API testing with AWS DynamoDB and DocumentDB integration.
- Supervised 7 freshers in Selenium, led Automation testing department, and demonstrated expertise in Linux, Git and Ansible.
- Excelled in JMeter and Selenium Performance testing ensuring parallel execution of tasks, broadened code coverage up to 90%, deployed on Docker and optimized CI/CD pipelines with Jenkins.

Java Developer (SDE Intern), TECHSKILLS IT, Mumbai, India

Jan 2020 - Jun 2020

- Achieved 40% enhanced system efficiency by integrating Spring Boot, J2EE, Hibernate, JPA alongside SOAP and JMS messaging services, leveraging Maven for dependency management, implementing Spring Cloud leading to a 50% surge in service uptime.
- Enacted centralized logging (Elasticsearch, Logstash, Kibana) and distributed tracing using Zipkin for efficient monitoring.
- Remodeled database operations with PostgreSQL and Oracle DB, resulting in a 30% response time improvement, redesigned robust security using Spring Security, Thymeleaf, and Spring MVC.

TECHNICAL PROJECTS

Spring Boot - Microservices Architecture (*Spring Boot, Kafka, Eureka, RabbitMQ*)

Jul 2023

- Designed microservices architecture with Spring Boot & MongoDB for scalable services, including Product, Order, and Inventory.
- Configured independent deployment and integrated Netflix Eureka for fault-tolerant and efficient service communication.
- Assembled asynchronous communication with Kafka and RabbitMQ for real-time data exchange & event-driven interactions, added a stateless Notification Service for email notifications alerting 100's of users simultaneously.

Game-Master Hub: React Application (*React, RAWG API, Chakra UI, Postman API*)

Jun 2023

- Built a responsive gaming app with React, Chakra UI, and RAWG API with dark mode for desktop, tablet and mobile.
- Enhanced search with CRUD operations and advanced filtering, achieving 50% faster results & semantics for WAI-ARIA compliance.
- Tested API with Postman, enabling seamless integration, and deployed to Vercel with 25% faster deployment.

Job Application Tracker – React End to End Project (*React, HTML, CSS, Bootstrap, Node.js, Typescript*)

May 2023

- Developed Job Application Tracker webapp with React, Typescript, HTML, CSS, Bootstrap, and FontAwesome, devised seamless tracking of 1000+ job applications, improved performance, and user experience.
- Enabled real-time application tracking and CSV data export, saving users an average of 2 hours/week in manual data tasks.
- Implemented Local storage for practicality, eliminated the need for a separate backend, achieving a 100% reduction in authentication overhead and backend development.

Bank Management System: Java based Desktop Application (*Java, Swings, AWT, JLabel, JFrame, MySQL*)

Dec 2022

- Crafted Java-based bank management app with OOPS principles, Swings, AWT, JLabel, and JFrame, boosting UX by 35%.
- Integrated MySQL database with Java-MySQL connectivity and exception handling, attained 15% faster query response times.

TECHNICAL SKILLS

Languages & Databases:	C, C++, R, Python, Go, Java Script, MS SQL Server, Hadoop, S3, DynamoDB, Azure, NoSQL, Oracle DB
Web Technologies:	Django, Java, Spring, API Gateway, React.js, Node.js, NPM, Webpack, Jest, NextJS, Jamstack
DevOps / Cloud:	AWS, Google Cloud Platform GCP, Chef, Puppet, Jenkins, Kubernetes
Miscellaneous:	Technical Architecture, Agile, Global Team, DevOps, Automation, APIs, Security, Intuitive

CERTIFICATIONS

Oracle Certified Java Foundations **Associate** Certification
Oracle Database SQL, (1Z0-071) – Oracle
Oracle Cloud Infrastructure 2022 Foundation's Associate
Hackerrank Certification – Java and Python

The complete Web-Developer's bootcamp on Udemy
AWS Certified Cloud Developer – **Associate** (Aug 2023)
AWS Certified Cloud Practitioner
Complete React Training by Mosh Hamedani