SHIVANI GHANASHYAM BHALERAO

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SOFTWARE ENGINEER – 3 YEARS OF EXPERIENCE

CORE COMPETENCIES

Languages: Java, C, Python, C++, JavaScript, SQL, HTML5, CSS3
Web Technologies: React, React Native, Spring, Angular, GraphQL, SOAP, REST API, Android Studio, Django, Flask, Elasticsearch, Mercurial, GitHub, Git, SVN, Docker, CI/CD, Postman, JIRA
Database: MySQL, SQLite, Redis, Oracle SQL | **Cloud Technologies:** AWS, Lambda, Amazon S3, EMR, DynamoDB, Google Cloud Platform (GCP)

CAREER OUTLINE

Software Engineer 1 ► Westlake Services, LLC | Oct. 2023 - Present
- Managed the Westlake and third-party GAP insurance process, achieving a **88%** success rate in addressing and rectifying issues related to late or incorrect refunds.
- Developed an account boarding script facilitating seamless end-to-end loading of the Canada portfolio, showcasing technical proficiency and process optimization skills.
- Automated the lease extension report process within the team's scope, leveraging **Oracle SQL** and **Kettle** to develop maintainable, performant, and well-tested code by achieving a remarkable **92%**-time reduction in the process.

Software Engineer Intern ► Westlake Services, LLC | Jul. 2023 – Oct. 2023
- Automated the reporting process within the team's scope, leveraging **Oracle SQL** and **Spring Boot** to develop clean and efficient code by making it **96%** more time efficient.
- Collaborated with Product, Design and Business stakeholders to prioritize new feature.
- Reviewed the code of developers & provide feedback to ensure best practices.

Software Engineer Intern ► Meta (Facebook), Menlo Park, CA | May 2022 – Aug 2022
- Developed permission management for MBS web/ mobile apps using **React**, **React Native**, **GraphQL**, & **Hack**, increasing efficiency **by 95%**.
- Implemented restricted permissions for business employees using **React Native**, **GraphQL**, and **Relay**, resulting in a **97%** efficiency increase.
- Brainstormed 4 enhancements during a collaborative session with FB Lite design team.
- Presented features to **250+ MBS** engineers and leaders, showcasing strong communication and technical skills.

Assistant Systems Engineer ► Tata Consultancy Services | Jun. 2019 – Jun. 2021
- Developed deal reservation modification system using **Angular**, **Java**, **Spring**, & **Oracle SQL**, achieving **62%** improved efficiency in process.
- Designed and executed a critical extension and batch process to resolve 'car rental rate inconsistencies' using Java, Angular & SQL, resulting **66%** increase in system reliability.
- **Led** an 8-test engineer team 'car rental rate inconsistencies', achieving full test coverage.
- Designed and implemented a **statistical model** for the Utilization Management System, achieving over **95%** accuracy in calculating vehicle utilization routine for rental car fleet.

ACADEMIC CREDENTIALS

Master of Science in Computer Science | Northeastern University | GPA: 3.958 / 4.00   2023
↳ **Courses include** Programming Design Paradigms, Algorithms, Foundations of Artificial Intelligence, Database Management Systems, Mobile Application Development, Information Retrieval, Fundamentals of Cloud Computing & Computer Systems.
Bachelor of Engineering in Information Technology | University of Mumbai | GPA: 8.15 / 10.00   2019

PROJECTS HANDLED

E-Commerce Application | Amazon Web Services (AWS) | May 2023
Created a robust **AWS** infrastructure for an e-commerce app, incorporating **Amazon S3** and **Lambda** for text recognition and product tagging. Integrated an **RDS database** and established a secure VPC with public/private subnets, internet gateways, and NAT.

Flexible Calendar Search | Flask, Elasticsearch, Google Collab, Git | December 2022
Built an efficient calendar text search app using **Flask** and **Elasticsearch**. Employed synonym similarity scores and Levenshtein distance for advanced text search queries. Incorporated **NLP** techniques for result ranking, enhancing search capabilities over calendar apps.

AI Game Player | Python, Git | May 2022
Developed **AI agents** for the connect-4 game using heuristics, decision tree, minimax with alpha-beta pruning, monte carlo, and Q-learning algorithms. Demonstrated expertise in AI by building top-performing agents, with Minimax and monte carlo agents.