Preeti Goel

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Passionate software developer with **3 years** of professional experience in Hotels Technology Development for **India's largest online travel company**. Equipped with a **blend of technical and behavioral competencies**, dedicated to making a **global impact**.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER, MakeMyTrip Pvt. Ltd.   04/2021 – 12/2022
- Developed **scalable micro-services** using **Go language,** optimizing **backend data processing** for enhanced application performance and scalability.
- Led the project to produce the **Group Booking project** for the B2C funnel, significantly **boosting revenue** and **enhancing user experiences**.
- Collaborated cross-functionally **to unify the MMT-GI code base**, streamlining development processes and **ensuring code consistency**.
- Implemented **Grafana** for system metrics visualization and performance monitoring, **proactively identifying and resolving bottlenecks**.

SOFTWARE ENGINEER INTERN, MakeMyTrip Pvt. Ltd.   01/2020 – 03/2021
- Spearheaded migration from **Java to Kotlin** in the Android application, improving code **readability, maintainability,** and **performance** using MVVM architecture.
- **Strategically contextualized user reviews** on the site, prioritizing reviews based on the **user's context through cohort identification**, resulting in a remarkable **enhancement of user engagement.**
- Engineered the **filters feature** on the site, encompassing batch, suggestive, and popular filters, resulting in a **significantly increased user interaction with filters**.
- **Proficiently designed and implemented** solutions to complex problems using Data Structures and Algorithms.

EDUCATION

MS in Computer Science, University of Southern California   01/2023 – 12/2024 | Los Angeles, USA

B. E. (CSE), Chitkara University Institute of Engineering and Technology   2021 | Punjab, India

TECHNICAL SKILLS

Languages
C, C++ (OOP), C#, JAVA (Advanced), Python, Go, Kotlin, Unix/Shell Scripting

Databases
MySQL, Oracle 11g, Couchbase, Redis, MongoDB

Version Control
Git

Testing Frameworks
Mockito

Front-end Development
HTML5, CSS, JavaScript, jQuery, Bootstrap, Angular 7, React.js, Flutter, Android Development

Application Software
Cisco packet tracer, Umlet, Arduino

Containerization
Docker, Kubernetes

Cloud Computing
AWS, Azure

Back-end Development
Spring Boot, NodeJS, Flask, Go, Apache Kafka

Data Science
PyTorch, Natural Language Processing, Machine Learning, TensorFlow, Keras, NLTK, Pandas

Data Processing Tools
Grafana, ElasticSearch

Game Development
Unity

API architecture
gRPC, REST services

Operating Systems
macOS, Windows, Linux

Data Processing and Analytics Tools
Apache Kafka, Cassandra, Apache Spark

PROJECTS

BlogPost - A Blog Website 🔗
Technologies used: Angular 7, Spring framework, SQL database

Sentiment Analysis - Amazon Reviews Sentiment Classifier 🔗
Technologies used: Python, NLTK (Natural Language Toolkit), scikit-learn, Pandas, TensorFlow, Keras.

Account Book - An Android application 🔗
Language: Kotlin | Database: Room Database | Architecture: MVVM

AWARDS

PROFESSIONAL
- Received Go-Tripper award for the month of August 2022.
- Awarded with Ace Award for Quarter 2 (July-Sept'21) at MakeMyTrip Pvt. Ltd.

LANGUAGES

English *(TOEFL: 104)* | **French** *(Won Silver Medals in French Olympiad twice for consecutive years at school level.)* | **Hindi**