Mugdha Behere

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LinkedIn: *linkedin.com/in/mugdhabehere* | **GitHub:** *github.com/MugdhaBehere* | **LeetCode:** *https://leetcode.com/u/MugdhaBehere*

PROFESSIONAL SUMMARY

Software Engineer with **1 year and 3 months** of experience in developing and deploying scalable backend APIs for e-commerce using **Go, Gin, and AWS. Proficient in Java (Preferred), Python**, and frontend development with **React/JavaScript**. Strong foundation in **data structures, algorithms, system design, and keen interest in AI/ML applications**. Seeking a challenging **Software Engineering** role to contribute technical skills to **hugely and globally impactful, large-scale** projects at a **leading technology** company.

AWARDS AND CERTIFICATIONS

Hacktoberfest 2023 Participant | *GitHub*   *October 2023*

TECHNICAL SKILLS

Languages and Frameworks : **Java (Preferred)**, Golang, Python, SQL (MySQL), JavaScript, Gin, Spring (Spring Boot, MVC, Security), FastAPI

DevOps, Cloud, Security and API Tools : **GitHub**, **Git**, Docker, Kubernetes, **Postman**, **Amazon Web Services**, **Linux (Configuring and Managing)**

AI/ML/NLP : Deep Learning, Natural Language Processing, **Prompt Engineering**

Core : **Data Structures and Algorithms**, **System Design (Low-Level Design and High-Level Design)**, **Object Oriented Programming**, **Design Patterns**

Databases and other skills : **Databases: MySQL,** Elastic Search, **Other Skills : Hibernate/JPA, RESTful APIs, Maven, J2EE**

EXPERIENCE

Software Engineer | *Borderfree Technologies*   *November 2021-January 2023*

- **Developed and deployed** backend APIs for high-traffic, scalable e-commerce portals using **Go and Gin**, focusing on enhancing system performance and reliability within an AWS cloud environment.
- Built and integrated user-facing **frontend modules** for critical e-commerce checkout and merchant portals using **React and JavaScript**, contributing to improved workflow and usability.
- Achieved **independent contribution** to **core backend services** within **2 months** by rapidly mastering **Go fundamentals, Postman API testing, and production-level API design best practices.**

EDUCATION

Indraprastha Institute of Information Technology, Delhi | *Post Graduate Diploma in Computer Science and Artificial Intelligence* | **GPA: 7.1** | 2022 - 2023

Duke University | *Post Graduate Certificate in Product Management (online on upGrad)* | 2022 - 2023

Growth School | *Product Management Career Accelerator Program* | 2022 - 2023

Scaler Academy | *Year-long course focused on Data Structures and Algorithms and System Design* | 2020 -2021

Vellore Institute of Technology, Chennai | *Bachelor of Technology, Computer Science and Engineering* | **CGPA: 7.4** | 2012 -2018

PROJECTS

CashCraft: Peer-to-peer Fund Transfer Platform | *Go, Gin, HTML, MySQL, Data Structures and Algorithms*

- Developed a full-stack application enabling **secure peer-to-peer transfers with real-time balance updates and transaction history.**
- Engineered efficient backend logic using **MySQL and DSA to handle fund transfers and prevent race conditions.**
- Deployed dynamic UI for account monitoring and transfer tracking, enhancing usability.
- *GitHub:* github.com/MugdhaBehere/cash_craft

Jet Reader: Fast Reading Assistant | *React, JavaScript*

- Built a **React-based** tool for **parsing PDF and text files** and displaying a dynamic word stream at user-defined speeds.
- Enhanced readability by **bold-highlighting word prefixes, improving reading speed and comprehension.**
- Designed **intuitive controls** for real-time speed adjustments and pause/resume functionality.
- *Link:* https://jetreader.vercel.app

Vocabulum: Multilingual Dictionary with Caching and Search (In Progress) | *React, Java, LRU Cache, Elasticsearch, DSA*

- Implemented a multilingual dictionary with support for translation via external APIs and caching for performance.
- Integrated **LRU cache** and **Elasticsearch** to reduce API calls and achieve low-latency lookups.
- Supports flexible input of source and target languages with fallback to English for intermediate translation.