

# ANUSHKA BHAGCHANDANI

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## EDUCATION

### University Of Washington

September 2024 – May 2026

Master of Science in Information Management

Seattle, USA

- **Relevant Courses:** Machine Learning, Graduate Algorithms, Generative AI, LLM, product management, product marketing & Unix

### University of Mumbai - Thadomal Shahani Engineering College

August 2018 – May 2022

Bachelor of Engineering in Information Technology

Mumbai, India

- **Awards:** Inducted in the Hall of Fame for the 2022 batch
- **Relevant Courses:** Operating Systems, Computer Networks, Database Systems, Distributed Systems, Linear Algebra, Data Structures and Algorithms, Object Oriented Programming and Design

## EXPERIENCE

### Myntra- Walmart

June 2022 – August 2024

Software Development Engineer - 1, Engineering team

Bengaluru, India

- Developed a **JavaScript** service to serve read-only requests with an **average traffic of 30,000 requests per minute** with the aim of reducing the read load on user-generated-content Core Solution
  - \* Implemented **Change Data Capture (CDC) with Apache Kafka** to replicate and synchronize 2 database tables.
  - \* Created 6 REST APIs to serve requests for balance inquiry and transaction history from the replicated database
- Orchestrated processing and analysis of customer interactions including **ratings, reviews, and inquiries**, handling **30,000 transactions per hour** while achieving a **13% reduction** in response latency through **AI-driven algorithms**
- Engineered and deployed a **real-time notification system** for review collection web design, resulting in a **5% improvement** in customer rating engagement within **15 days** and enhanced system resilience end-to-end

### Amazon

February 2022 - April 2022

Software Development Engineer Intern, Amazon Fresh team

Bengaluru, India

- Collaborated with cross-functional teams to integrate the geolocation service into real-time order tracking systems, enhancing **last-mile delivery accuracy** by leveraging reverse geocoding and spatial indexing techniques
- Conducted performance benchmarking of geospatial queries, improving lookup efficiency and reducing API response time by 18% and Integrated the system with Amazon's existing infrastructure, achieving a **15% improvement in delivery accuracy** and a **10% reduction in operational costs** for the mobile application by following Agile methodology on Jira

## PROJECTS

### GenZ Corner - Myntra HackerRamp | Python, Node.js, JavaScript

2023

- Secured first place among 64 teams in a 48-hour hackathon, developing a GenZ-themed tech solution for e-commerce.
- Built an OOTD (Outfit of the Day) uploader with dynamic coin rewards system for daily engagement.
- Implemented an AI-powered fashion recommendation engine based on user style preferences and behavioral data.

### AllRound – ClayLab SGO | Python, Java, JavaScript, Selenium, TensorFlow, Version control, Quality Assurance

2021

- Led a team of 7 to win first place among 91 teams at JPMorgan Code for Good Hackathon
- Developed a cross-platform solution combining Android app, web app, and Chrome extension using AI
- Created AI-powered features using TensorFlow and integrated them across all platforms and made a full-stack app

### MUSE - Emotional Conversational Chatbot | Python, NLTK, Machine Learning

2020

- Published research in International Conference on Data and Information Science, proposing a novel retrieval-based chatbot model with agility by using UX research, competitive analysis, market research & product management practices
- Developed NLTK sentiment analyzer trained with 20,000 tweets to enhance emotional intelligence capabilities
- Implemented Future Self Continuity Study methodology achieving high accuracy in conversation modeling as a Key performance indicators (DOI: 978-981-16-5689-7.24)

## SKILLS

**Languages:** Java, C, C++, Python, .NET

**Backend:** Spring, Express.js, Django, GoLang, TypeScript, C#

**Databases:** PostgreSQL, MongoDB, DynamoDB, SQL

**Other skills:** Snowflake, Spark, Agile, distributed storage, caching, full-stack, version control, web development

**Frontend:** HTML, CSS, JavaScript, React.js, jQuery

**Data & Tools:** data visualization, Tableau, Excel

**Experience with:** PyTorch, Tensorflow, Keras, NLTK

## EXTRACURRICULAR

- Winner, Startup presentation at the **University of Washington & SEBA Science & Technology Showcase (2025)**
- Winner in **JPMorgan Chase & Co. Code For Good Hackathon, June 2021**
- Winner, **Hackathon and Myntra's HackerRamp-WeForShe Hackathon (2021)**
- Winner, **National Level Ideathon by IEEE (2021)**