

HARDIK KAPADIA (he/him)

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EDUCATION

University of Illinois, Chicago

Chicago, IL

Master of Science in Computer Science, GPA: 4.0/4.0

Aug 2023 - May 2025

Relevant courses: Distributed Computing, Algorithms.

University of Mumbai

Mumbai, Maharashtra

Bachelor of Technology in Computer Engineering; GPA: 3.5/4.0

Aug 2019 - May 2023

Relevant courses: Object Oriented Programming, Data Structures, Algorithms I & II.

SKILLS

Programming Languages: Java, Python, C++, Dart.
Frameworks/ Libraries: Spring, Android, Django, FastAPI, Flutter.
Databases: SQL - MySQL, PostgreSQL, SQLite.
DevOps: Git, GitHub, Docker, Heroku.
Others: Rest APIs, JSON, JUnit, Mockito, Postman, Swagger.

WORK EXPERIENCE

Software Engineering Intern

[Sahamati](#)

Jan 2022 – Mar 2023

- Collaborated with a team of financial experts to ideate a Common dispute resolution system that communicated with a CRM platform to automate raising dispute tickets.
- Developed a microservice to enable banks to integrate the aforementioned dispute resolution system into their mobile applications/ websites allowing users to seamlessly report disputes and increasing dispute resolution efficiency by over 60%.
- Engineered a microservice enabling 100+ authorized users to securely fetch and selectively update data in a common database instantaneously through REST APIs rather than relying on e-mails.
- Followed the appropriate SDLC steps for each project with proper planning, testing, documentation, etc.
- Completed critical tasks on pre-existing projects: implemented vital security fixes recommended by third-party audit, deployed services using Docker and GitHub Actions establishing CI/CD
- Key technologies used: Java, Spring, PostgreSQL, GitHub Actions, Docker, Postman.

PROJECTS

STOCK MARKET PORTFOLIO MANAGEMENT- [GitHub](#)

Feb 2022 - Aug 2022

- Developed a stock portfolio management app that integrated real-time Finance APIs to help users optimize and track their investments.
- Used Spring Web to integrate the backend with the ReactJS front-end, Spring security to protect user data and enable secure authentication, and Spring Data JPA to communicate and manage the MySQL Database.
- Languages and Tools: Java, HTML, CSS, JavaScript; Spring, MySQL, React.

UNILINK - [GitHub](#)

Nov 2022 - May 2023

- Led the development of a multi-platform social media management app, cutting time spent per post by 60%.
- App utilized Social Media APIs for platform-specific functionality and OAuth 2.0 for login integration.
- Optimized the development roadmap through extensive documentation, user surveys, and planning.
- Contributed to an Open-source [library](#) to add certain functionality we needed from the library.
- Ensured seamless user experience by integrating Flutter front-end with Python back-end using a REST API.
- Languages & Tools: Python, Dart; Flutter, FastAPI, Tensorflow;

BOOKSMART- [GitHub](#)

Sep 2021 - Dec 2021

- Created an android application using Java which facilitates exchange of books between users.
- Designed an Object-Oriented system which interacted with the MySQL Database hosted on AWS.

ACHIEVEMENTS & CERTIFICATIONS

Participated in and [Completed](#) **GitHub Externship** India(now GitHub Octernship).

Java Programming I & II by University of Helsinki MOOC.