

## DIKSHITA PATEL

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### EDUCATION

**Syracuse University, Syracuse, NY – Master of Science in Computer Science**

August 2022 - May 2024

Courses - IOS, Analysis of Algorithms – Data Structures, Object Oriented Programming, Operating System, DBMS

GPA: 3.6/4

**Sardar Patel Institute of Technology, Mumbai, India – B.Tech in Information Technology**

August 2018 - May 2021

Courses - Advanced Data Structures, Data Analytics, Soft Computing, Computer Networks, Advanced DBMS

GPA: 9.3/10

### TECHNICAL SKILLS

**Programming Languages and OS** - Java, JavaScript, TypeScript, Python, C, C++, Go (Golang), Swift, Haskell, Dart

**Web Development & Frameworks** - HTML, CSS, React, Redux, Next.js, Spring, Spring boot, jQuery, JUnit, Cypress, PHP, Bootstrap, NodeJS, Jest, Express, JSON, REST API, NPM, ES6

**Database & Tools** - SQL, Firebase, AWS, Docker, Kubernetes, Postman, Git, Bitbucket, JIRA, Figma, Datadog, Jenkins

**Areas** - Frontend and backend developer, Problem-solving abilities, Communication skill, CI/CD, SDLC, Fintech industry knowledge

### PROFESSIONAL EXPERIENCE

**Software Engineer Analyst - JP Morgan Chase & Co., Mumbai, India**

August 2021 - August 2022

- Engaged in building end-to-end feature components and responsive user interfaces for the asset management tool project using technologies such as **Java, Spring Boot, React, Redux, Node.js, Next.js, REST APIs, Figma designs**.
- Collaborated in an Agile team, conducting code reviews on Bitbucket, debugging with Datadog and Splunk, and managing deployments via **Jenkins** and **AWS**. Leveraged **JIRA** for streamlined project management.
- Implemented functionality enabling internal advisors to generate investment reports for clients and practiced **Elasticsearch** to implement the client type-ahead name search feature, improving the user experience and reducing search time by 50%.
- Maintained a test-driven development environment by writing Junit, **Jest, Cypress** e2e tests to maintain 85% code coverage which boosted productivity. Spearheaded ADA compliance, making 3 applications fully accessible and 100% compliant.

**Software Engineer Program Intern - JP Morgan Chase & Co., Mumbai, India**

January 2021 - July 2021

- Deployed **Google Analytics** increasing website monitoring by 30%. Developed the subscription models page with REST APIs, caching, TypeScript, and accordions, allowing users to subscribe and receive trade updates and insights.
- Designed a File Upload feature for advisors that simplified user operations by 10% and enabled categorized data storage on **SharePoint**.
- Restructured an existing application to generate PDF analysis reports using Next.js, TypeScript, and graphic charts, reducing page load times by 20% and enabling faster loading with server-side rendering.

**Web Developer Intern – SAHU Technologies, Mumbai, India**

June 2019 – July 2019

- Optimized web services and development processes, for categorized clothing, cart, and checkout pages; the enhancements made a 20% improvement in user satisfaction scores collected through customer feedback surveys.

### PROJECTS

**StayHub**

May 2024 – July 2024

- Directed the setup and deployment of a hotel application using **AWS** services like **DynamoDB, IAM, Lambda, API Gateway**. Created **RESTful APIs** that reduced data retrieval time by 30%.
- Integrated backend services with a **React, Visual Studio IDE** ensuring seamless data flow across endpoints like services, gallery, and accessibility. Adopted AWS CLI and best practices for robust infrastructure management.

**Track-IT**

April 2024 – May 2024

- An iOS app using **SwiftUI** and **Firebase**, enabling 100 users to manage personal finances with expense logging, categorization, and pie chart visualization.
- Integrated **Financial Modeling Prep API** and **YouTube API** for real-time financial news and budgeting videos. Implemented **MapKit** for locating nearby banks within 5 mile radius.

**Trello Clone**

October 2022 – November 2022

- Created a Java application using **MVC** for efficient task management, incorporating 7 key features such as task history tracking, user assignments, and comment management. Leveraged **JPA** and **Spring Boot with REST APIs, MySQL** database, **POSTMAN** for streamlined CRUD operations.

**Real Time Text & Speech Translation - [Publication](#)**

June 2020 – November 2020

- Built a web application for audio and text-based language translations, using convolutional architecture in **Python, TensorFlow, and Keras**. Developed a sequence-to-sequence model with 8 different linguistics, achieving 90% accuracy and remarkable document conversion results.

**Abstractive Text Summarization on Google Search Results - [Publication](#)**

February 2020 - May 2020

- Web scraping on Google search results using **Beautiful Soup, SSN, and LSTM, Ruby** trained models, enhancing productivity by 30% and achieving 87% accuracy on Amazon Product Reviews and CNN Daily news dataset.

### CERTIFICATIONS

Multiplatform Mobile App Development with React Native, Front-End Web Development with React