

## DIKSHITA PATEL

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## EDUCATION

<b>Syracuse University, Syracuse, NY – Master of Science in Computer Science</b>	<i>August 2022 - May 2024</i>
Courses - IOS, Analysis of Algorithms – Data Structures, Object Oriented Programming, Operating System, DBMS	GPA: 3.6/4
<b>Sardar Patel Institute of Technology, Mumbai, India – B.Tech in Information Technology</b>	<i>August 2018 - May 2021</i>
Courses - Advanced Data Structures, Data Analytics, Soft Computing, Computer Networks, Advanced DBMS	GPA: 9.3/10

## TECHNICAL SKILLS

<b>Programming Languages and OS</b> - Java, JavaScript, TypeScript, Python, C, C++, Go (Golang), Swift, Haskell, Dart
<b>Web Development &amp; Frameworks</b> - HTML, CSS, React, Redux, Next.js, Spring, Spring boot, jQuery, JUnit, Cypress, PHP, Bootstrap, NodeJS, Jest, Express, JSON, REST API, NPM, ES6
<b>Database &amp; Tools</b> - SQL, Firebase, AWS, Docker, Kubernetes, Postman, Git, Bitbucket, JIRA, Figma, Datadog, Jenkins
<b>Areas</b> - Frontend and backend developer, Problem-solving abilities, Communication skill, CI/CD, SDLC, Fintech industry knowledge

## PROFESSIONAL EXPERIENCE

<b>Software Engineer Analyst - JP Morgan Chase &amp; Co., Mumbai, India</b>	<i>August 2021 - August 2022</i>
<ul style="list-style-type: none"><li>Engaged in building end-to-end feature components and responsive user interfaces for the asset management tool project using technologies such as <b>Java, Spring Boot, React, Redux, Node.js, Next.js, REST APIs, Figma designs</b>.</li><li>Collaborated in an Agile team, conducting code reviews on Bitbucket, debugging with Datadog and Splunk, and managing deployments via <b>Jenkins</b> and <b>AWS</b>. Leveraged <b>JIRA</b> for streamlined project management.</li><li>Implemented functionality enabling internal advisors to generate investment reports for clients and practiced <b>Elasticsearch</b> to implement the client type-ahead name search feature, improving the user experience and reducing search time by 50%.</li><li>Maintained a test-driven development environment by writing Junit, <b>Jest, Cypress</b> e2e tests to maintain 85% code coverage which boosted productivity. Spearheaded ADA compliance, making 3 applications fully accessible and 100% compliant.</li></ul>	
<b>Software Engineer Program Intern - JP Morgan Chase &amp; Co., Mumbai, India</b>	<i>January 2021 - July 2021</i>
<ul style="list-style-type: none"><li>Deployed <b>Google Analytics</b> 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.</li><li>Designed a File Upload feature for advisors that simplified user operations by 10% and enabled categorized data storage on <b>SharePoint</b>.</li><li>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.</li></ul>	
<b>Web Developer Intern – SAHU Technologies, Mumbai, India</b>	<i>June 2019 – July 2019</i>
<ul style="list-style-type: none"><li>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.</li></ul>	

## PROJECTS

<b>StayHub</b>	<i>May 2024 – July 2024</i>
<ul style="list-style-type: none"><li>Directed the setup and deployment of a hotel application using <b>AWS</b> services like <b>DynamoDB, IAM, Lambda, API Gateway</b>. Created <b>RESTful APIs</b> that reduced data retrieval time by 30%.</li><li>Integrated backend services with a <b>React, Visual Studio IDE</b> ensuring seamless data flow across endpoints like services, gallery, and accessibility. Adopted AWS CLI and best practices for robust infrastructure management.</li></ul>	
<b>Track-IT</b>	<i>April 2024 – May 2024</i>
<ul style="list-style-type: none"><li>An iOS app using <b>SwiftUI</b> and <b>Firebase</b>, enabling 100 users to manage personal finances with expense logging, categorization, and pie chart visualization.</li><li>Integrated <b>Financial Modeling Prep API</b> and <b>YouTube API</b> for real-time financial news and budgeting videos. Implemented <b>MapKit</b> for locating nearby banks within 5 mile radius.</li></ul>	
<b>Trello Clone</b>	<i>October 2022 – November 2022</i>
<ul style="list-style-type: none"><li>Created a Java application using <b>MVC</b> for efficient task management, incorporating 7 key features such as task history tracking, user assignments, and comment management. Leveraged <b>JPA</b> and <b>Spring Boot with REST APIs, MySQL database, POSTMAN</b> for streamlined CRUD operations.</li></ul>	
<b>Real Time Text &amp; Speech Translation</b> - <u><a href="#">Publication</a></u>	<i>June 2020 – November 2020</i>
<ul style="list-style-type: none"><li>Built a web application for audio and text-based language translations, using convolutional architecture in <b>Python, TensorFlow, and Keras</b>. Developed a sequence-to-sequence model with 8 different linguistics, achieving 90% accuracy and remarkable document conversion results.</li></ul>	
<b>Abstractive Text Summarization on Google Search Results</b> - <u><a href="#">Publication</a></u>	<i>February 2020 - May 2020</i>
<ul style="list-style-type: none"><li>Web scraping on Google search results using <b>Beautiful Soup, SSN, and LSTM, Ruby</b> trained models, enhancing productivity by 30% and achieving 87% accuracy on Amazon Product Reviews and CNN Daily news dataset.</li></ul>	

## CERTIFICATIONS

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