

Shabbir Kapadia

(312)900-5611 | kapadia4@illinois.edu | linkedin.com/in/shabbirkapadia

SKILLS

- **Programming Languages** - Java, JavaScript, Python, HTML/CSS, PHP, C++, GraphQL, SQL
- **Databases and Libraries** - DynamoDB, Oracle, MongoDB, MySQL, Numpy, Postgres, Pandas, Matplotlib, Vega-lite
- **Frameworks, Tools & Platforms** - React, Redux, React Native, node.js, SOAP, Spring Batch, Amazon Web Service (AWS), GitHub, Jenkins, VS Code, Seeburger BIS, RESTful, Selenium, Neo4j, MS Azure, BitBucket

PROFESSIONAL EXPERIENCE

Software Engineer Fellow, ProMazo Inc.

May 2022 – Present

- Developed, integrated, and performed Unit testing on React Native components and front-end UI for a mentoring app, utilizing algorithms and data structures to improve performance and scalability.
- Designed and built a push notification module with AWS Lambda/SES/Amplify/ElasticSearch, incorporating object-oriented programming principles and debugging skills to ensure reliability.
- Collaborated in an agile environment with a team of 4 to design and develop Spring Batch jobs that transformed Schwab's billing system, enabling automated loading, enrichment, and performing QA verification tasks.
- Integrated the file validation tool with a CI/CD pipeline, using shell scripts for data processing and implementing test-driven testing, achieving a 100% completion rate while consistently delivering on time.

Software Engineer, HSBC Software Development India

Jan 2019 – Jul 2021

- Commercial Banking – HSBC Connect Digital
 - Migrated an ETL/BPM solution to Seeburger BIS, utilizing technical troubleshooting skills to overcome challenges and ensure a smooth transition for clients.
 - Improved performance and scalability of the HSBC Connect Digital application by adding enhanced functionalities and enabling payment pre-processing capabilities for 53 countries and around 1200 file formats.
- Business Process Automation
 - Automated deployment using Jenkins pipeline, resulting in ~40% improvement in performance and saved approximately 3.5hrs of manual tasks during deployment.
- Customer Payment Acknowledgement System
 - Reduced application load by 80% by designing and implementing a customer payment acknowledgment module, utilizing technical knowledge of data structures and algorithms.
 - Improved deployment process by introducing a new Jenkins job for quick compilation of Java code, utilizing autonomous problem-solving skills and technical expertise.

Software Engineer, Larsen & Toubro Infotech

Jul 2018 – Jan 2019

- Built automation scripts for User Login, MFA Verification, and Sessions in the Mercer application and completed 60% automation in “My Session” functionality in Selenium with Java.

Software Development Intern, Centre for Development of Advanced Computing

Aug 2017 – May 2018

- Devised a python-based tool for quick summarization of a news article, cutting down the read time for a user from 5 mins to ~1 min.
- Participated in an agile setup to collaborate with cross-functional teams to improve the scalability and performance of various applications, demonstrating a collaborative mindset and interest in committing to a fun, friendly, and intellectually stimulating environment.

Software Development Intern, HostingRecipe Technologies

Jan 2017 – Apr 2017

- Designed and created technical documentation and user support guides for various projects, demonstrating excellent written and verbal communication skills.
- Visualized the results to compare the performance of those servers by considering parameters like CPU, File I/O, and Read/Write performance.

EDUCATION

University of Illinois Urbana-Champaign

Champaign, Illinois, USA

Master of Science in Data Science and Analytics

Aug 2021 - May 2023

Pune Institute of Computer Technology

Pune, Maharashtra, India

Bachelor of Engineering in Computer Science

Aug 2014 - May 2018