Diksha Bhatia
Software Engineer

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TECHNICAL SKILLS

Front-end:	React, HTML5, CSS3, JavaScript (ES6+), TypeScript, JSON, Bootstrap
Tools:	Webpack, NPM, babel
Back-end:	Java, Python, Spring boot, Hibernate, Selenium
CSS Preprocessors:	SASS, LESS, SCSS
Usability & Unit Testing:	Jest, Enzyme, React Testing Library
Databases:	MySQL, MariaDB, Flyway DB, Liquibase
SDLC & DevOps Tools Portfolio:	Agile, JIRA, TDD, OOP, SONAR, Splunk, Git
Operating Systems:	Windows, Linux

EDUCATION

Northeastern University   Expected 05/2023
Master's in Information Systems   Boston, MA
  Coursework: Program Structures & Algorithms, Application Engineering Development
University of Mumbai   06/2014 – 06/2018
Bachelor of Engineering in Computer Engineering – CGPA: 8   Mumbai, MH, India
  Coursework: Operating Systems, Web Design, OOPM, Machine Learning

PROFESSIONAL WORK EXPERIENCE

Associate Software Engineer   01/2021 – 08/2021
J.P. Morgan Chase & Co.   Mumbai, MH, India

- Revamped the layout of the application using the User-Centered Design Approach, acting as both the UX lead and UI developer; conducting user interviews, prototyping & developing Hooks based reusable functional components in **React**
- Designed a Trend Analysis module to query & view 8 quarters worth of data using **High charts** and Ag-grid
- Optimizing the performance of the web application by reducing the bundle size of the application by **4MB**, leading to a **decrease of 7 minutes** in its build time
- Received **"Pat on the back"** award across the Finance Technology, out of 2000 employees

Software Engineer Program II   01/2019 – 12/2020
J.P. Morgan Chase & Co.   Mumbai, MH, India

- Wrote Selenium-based automated scripts to foster cross-browser testing, leading to a staggering decrease of **5+ hours** of the developer groups invested in testing
- Wrote business-specific scheduled jobs for data consumption of downstream applications, developing complex cron expressions for sophisticated task scheduling in Spring Boot
- Handled entitlements on the client-side using concepts like High order components in React
- Held team and inter-team sessions on JEST with an overall attendance of **50+ developers**
- Designed a UI component using react-querybuilder, empowering business users to write complex rules (queries) in natural language, eliminating the developer group from the pipeline of configuring the rules
- Appreciated for the aesthetics of the Application by **Global Finance & Treasury Head**

Software Engineer Program I   07/2018 – 12/2019
J.P. Morgan Chase & Co.   Mumbai, MH, India

- Formalized a generic self-service onboarding module for the project where the user can create/edit/configure the data grid component - AgGrid. Leveraged npm modules like react-dnd, react-simple-tree-menu to facilitate complex interactions
- Responsible for increasing the unit test coverage of UI components from **4% to 57%** using JEST, Enzyme, and react-testing-library, which lead to the detection of erroneous code in the early stage of development

ACADEMIC PROJECTS

Hotel Recommendation & Ranking System   Capstone Project, B.E Computer Engineering

- Consumed, sanitized the data set of **37 million records** containing the logs of customer behavior using data analysis library - Pandas
- Using Random Forest, XGBoost, Naive Bayes Classifier algorithms; the application predicted & ranked 5 hotel groups based on user preferences