Priyanka Maru

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SUMMARY

- Dynamic computer science professional with a MSc. from Memorial University, proficient in diverse technical languages and tools like React, Redux, JavaScript, AZURE, AWS driving operational efficiency and app stability.

EDUCATION

Memorial University of Newfoundland | **August 2021 - May 2023**
Master of Science, Computer Science | St John's, NL, Canada.
University of Mumbai | **July 2013 - August 2017**
Bachelor of Computer Engineering | Mumbai, India.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, SQL.
Web Technologies: HTML, CSS, React.js, Express JS, Node.js, Redux, Babel, Webpack, Typescript, Spring Boot, Angular.
Frameworks and Tools: AWS, Azure, Visual Studio Code, Git, Eclipse, Gerrit, GitHub, JIRA, Docker, Figma
Database: PostgreSQL, MYSQL.

PROFESSIONAL EXPERIENCE

Memorial University of Newfoundland, Canada | **September 2022 – April 2023**
Graduate Teaching Assistant | St John's, NL

- Assisted in assessing and grading assignments focused on SQL concepts in collaboration with the professor.
- Mentored students in the Information Systems course as a Teaching Assistant, offering support on course material.

Cadence Design Systems, Canada | **May 2022 – August 2022**
Software Engineer Intern | St John's, NL

- Revamped the Innra application with a collaborative microservices architecture, leveraging React.js, Keycloak, PostgreSQL, Go html templates and Docker containerization for a significant boost in operational efficiency.
- Designed and implemented a prototype for small-scale upload functionality, leveraging an AWS S3 bucket, within a single day.
- Collaborated cross-functionally with development and product teams to establish and execute rigorous testing plans.

Tata Consultancy Services, India | **September 2018 – August 2021**
System Engineer/ Frontend Developer | Mumbai, India

- Developed high-performance responsive single-page web applications for the telecom industry using React, Redux, Node.js, TypeScript, JavaScript (ES6), Babel, Webpack, Ajax, NPM driving a significant revenue growth.
- Demonstrated proficiency in advanced Frontend Development paradigms like Web sockets, State management, REST APIs, optimizing lazy loading, and leveraging Service Workers.
- Utilized React, Redux Dev Tools, Chrome developer tools and debugging techniques to identify and resolve issues.
- Spearheaded the production of high-fidelity mock-ups and wireframes using design tools like Figma and Sketch.
- Conducted a minimum of 3 code reviews daily while developing new features, bug fixes, and optimizations.
- Executed a total of 24 test cases per day manually employing SPIRA for sanity and regression test cases.
- Led automation testing using Selenium and Nightwatch.js resulting in approximately 22% reduction in manual testing time.

Tata Consultancy Services, India | **September 2017 - August 2018**
Assistant System Engineer | Mumbai, India

- Engineered robust Java-based applications using JSP (Java Server Pages), Servlets and JDBC.
- Demonstrated strong analytical skills, lead in teamwork, excellent communication skills and adeptly document requirements.
- Revolutionized source control with Gerrit, Git, and JIRA, optimizing project workflows for accelerated development cycles.

ACADEMIC PROJECTS

1. **How Can the Company be Improved?**
- Leveraged Pandas, Matplotlib, Seaborn, Plotly, NumPy to extract valuable insights and enable informed decision-making.
2. **Enhancement & Deployment of a System for Standardized Collection of Graduate School Transcript**
- Deployed React.js, Node.js, Express.js, ClearDB and MySQL for facilitating fair student evaluations that addressed the disparities in grading systems across different regions worldwide.

VOLUNTEER EXPERIENCE

- Served at the registration desk during the Digital Offshore event, overseeing attendee check-ins and addressing inquiries.
- Contributed as a Floater at Innovation Week 2023, Holiday Special event ensuing smooth event operations.

COURSES AND CERTIFICATIONS

- AWS Educate Introduction to Cloud 101
- LinkedIn Learning – Ruby on Rails, React Hooks.
- Participated in Microsoft Azure Virtual Training Days: Fundamentals.