

ROMIL TIWARI

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Education

Master of Science in Information Systems

Expected May 2024

Northeastern University, Boston, MA

Relevant Coursework: Application Engineering Development, Web Design User Experience Engineering, Data Management and Data Designs, Web Development Tools and Methods

Bachelor of Engineering Computer Science

May 2018

Rajiv Gandhi Prodyugiki Vishwavidyalaya, Medicaps University, Indore, India

Relevant Coursework: Introduction to Java, Introduction to HTML/CSS, Data Structures, Database Management, Software Engineering and Project Management, Cloud Computing, Theory of Computation

Skills

Technical Skills:

- Programming Languages: JAVA, Kotlin, HTML, CSS, C++, Python, MySQL
- Application Base: Android, iOS
- Testing Frameworks: Selenium, Appium, JUnit and Espresso
- Framework: Agile, JIRA, Kanban Board
- Tools: Android Studio, Eclipse IDE, NetBeans, VS Code, Postman, Charles, IntelliJ, UI Automator

Soft Skills:

- Integrity, Effective Communication, Leadership, Teamwork, Critical thinking, Adaptability

Work Experience

Application Quality Assurance Engineer at Paytm, Bangalore, India

July 2021 - August 2022

- Designed interactive stocks and mock trading board aiding firm's expansion in 2 new countries
- Developed customer-facing stock & mutual fund trading platform that brought in \$2MM of net new AUM, supported 1M users, and increased firms NPS by 7%
- Spearheaded module evaluation for core functionalities (interactive stocks and mutual funds dashboards) along with performance and load testing that increased Customer Engagement on the application by 5%
- Coalesced on designing and managing equity and mutual fund charts data that helped in enhancing Customer Experience and Customer Satisfaction by 2%
- Collaborated with functional teams to design test case plans and compute efficiency of test suites achieving >95% success rate and decreasing time complexity by 15%

Software Developer (Android Developer) at Tata Consultancy Services, Pune, India

July 2018 - July 2021

- Developed Android-based applications for In-Vehicle Infotainment systems covering functionalities such as Bluetooth, Sonar, Audio, System UI, Apple CarPlay, Android Auto, Google-Hero Integration
- Assembled case studies by compiling client's relevant proprietary information and collecting industry-related information in order to analyze client's key performance indicators (KPI)
- Delegate as a member of a development team on client engagements to gather, analyze, and interpret data in support of hypothesis testing and application development
- Directed Google and Renault IVI API integration into system. Also, steered platform layer development for application functioning with a 93% Hero API integration

Project Work

Student Buddy Assistance (Technology Stack: HTML, SCSS, ReactJS, Material UI, AWT)

- Designed a website to provide international students with Housing, Flat mates, Information, Networking and other aspects which otherwise they find difficult to overcome when they move to a newer country.

Automated Timetable Generator (Technology Stack: Java, Apache Tomcat, MySQL, Swing)

- Devised genetic solution through a random population of timetables followed by evaluation according to defined criteria to select parents for next generation to generate better timetables through crossover and mutation