

Chitra Raval

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OBJECTIVE

Experienced and dynamic Developer with a proven track record in development and a fervent dedication to crafting innovative solutions with a significant impact. Highly poised and dedicated with talent in design principles and programming languages. Excellent eye for visual aesthetics paired with insight into data and backend functionality. Seeking to leverage expertise in iOS, Android, Web platforms, including Kafka, Hadoop and Power BI, various Testing methodologies, drive the implementation of advanced development and analytics uphold expansive applications and websites that catalyze organizational growth.

SKILLS

- **Programming Languages:** C, C++, Database programming and SQL (DBMS, RDBMS), Objective C ,Swift, Kotlin, Android using java as well as Kotlin, C#.Net, Java, Python, Typescript, PHP.
- **Databases:** Mongo DB, Google Cloud Firebase, Oracle 10g, MSSQL, SQLite, PostgreSQL.
- **Platforms and Frameworks:** Android SDK, iOS frameworks such as Core Data, Core Text, and Core Graphics, Expo, Implementing Navigation, React Native Elements and UI Kitten, Firebase, Django, Bootstrap, React, Notification, UI/UX, .
- **Design Techniques and Tools:** Object-Oriented Design (OOD), Unified Modeling Language (UML), Singleton, MVC (Model-View-Controller), MVP, MVVM, Slack, Postman, IntelliJ, Android studio, Visual studio, Xcode, Selenium (core), and JSON Viewer, Test-driven development (TDD), GPS (Global Positioning System), REST API, Automated Testing, Debugging, Bug Fixing.
- **Web Technologies:** HTML5, CSS3, JSON, JavaScript, jQuery, AJAX, XML, React JS, Node JS, and React Native.
- **Operating Systems:** Unix / Linux, Windows, MAC OS.
- **Git and Version Control:** Git, GitHub, GitLab, Jira
- **Software Development Life Cycle (SDLC):** Agile, Waterfall, Iterative, Scrum
- **MS Office:** Microsoft Word, Power Point, Excel, Outlook, Teams
- **Interpersonal Skills** Communication, Organization, Collaboration, Teamwork, Problem Solving, Time Management, Active Listening, Customer Service, Adaptable.

EXPERIENCES

HCL Tech, Gujarat, India

October 2020 – May 2022

Software Developer

- **Developed and implemented** a new software feature using **Python**, resulting in a **20%** increase in application **efficiency** and user **satisfaction**.
- **Recommended** and **executed** plans to optimize **development tools** and **processes**, resulting in a **30% decrease** in **bug occurrences** and an overall improvement in project timelines.
- **Collaborated** with **cross-functional** teams in code review meetings, providing valuable input on bugs, inefficiencies, and potential solutions to emergent issues, leading to a 15% reduction in software defects.
- **Developed and launched** a highly intuitive **mobile app** for Android that streamlined the process of finding local restaurant services nearby, resulting in a 35% increase in user engagement and a 20% decrease in customer churn rate.
- **Implemented** sample **testing parameters** and **conducted comprehensive tests**, leading to the identification of 20+ system errors and subsequent corrections.
- **Conducted** concise **project meetings** with design, sales and marketing teams, taking charge of meeting agendas, overseeing on new feature for product, and ensuring timely **follow-ups on pending tasks** to facilitate the progress of projects.
- **Implemented comprehensive** app **documentation** that provided users with detailed information on features, capabilities, and benefits, resulting in a 40% reduction in **customer support inquiries** and an improvement in overall user satisfaction by 25%.

- **Utilized back-end data services** to enhance existing **data services** and **seamlessly** integrate with **APIs**, leading to a 30% improvement in app performance and an increase of 15% in overall user ratings.
- Programmed applications and tools using **object-oriented languages** with goals of **code abstraction, stability, and reuse**.
- **Implementing agile development methodologies** for development and using **Git, Github, and Jira** for version control.
- **Contributed to internal development and testing standards** to improve **framework** performance and policy standardization.
- **Utilized expertise in Java - web and mobile platforms** to develop innovative solutions that aligned with business objectives, resulting in increased efficiency by 15%.

EDUCATION

Postgraduate, [Mobile Application Development and Strategy](#)

January 2023-December 2023

George Brown College, Toronto, Ontario

(**Majors:** Programming Languages such as Kotlin, Swift, HTML 5, CSS3 and JavaScript, Concept of Software development Life Cycle, Testing and deploying apps for iOS and Android mobile phones and tablets, Project Management, NoSQL, Firebase, Business-centric mobile app development strategies, Conducting competitive analysis and exploring revenue-generating approaches.

Postgraduate, [Big Data Solution Architecture](#)

May 2022-December 2022

Conestoga College, Kitchener, Ontario

(**Majors:** Big Data Technologies such as Hadoop, Kafka, Spark, Flume, Hive, Cassandra, MongoDB, R Programming, And MSSQL, SQL, Store Procedure and functions. Automated unit testing and resolving issues effectively, worked on various tools like Tableau and Anaconda. Skilled in Data and Business Analysis)

Master Of Science in Information Technology

June 2015 – September 2020

VNSGU, India

(**Majors:** Mobile & Soft Computing, Java, Software Testing & QA, Data Structure & Algorithms, SQL, Data Mining, Data Warehousing, Web Development, Mathematics, C, C++, C#, Objective C, Scripting Languages Software Engineering, Linux, Computer Networks, Visual Modeling, Unix & Shell Programming, Database Management, Python)

PROJECTS

National Park Trip

(Android Kotlin, Google Cloud Firebase Database, Retrofit)

- Developed android application using Kotlin, Integrate APIs, and Utilize geolocation to search national parks and schedule trip for user. User can reschedule trip and make notes for their trip. Make user friendly app that enhancing user experience and engagement.

RecurRent

(React Native, Expo, Google Cloud Firebase Database)

- "RecurRent" is an innovative mobile app that allows users to rent out their seldom-used items for a specified time, promoting a sharing economy. With features like detailed listings, user profiles, flexible rental durations, and secure transactions, it aims to facilitate a sustainable and resourceful community.
- The app prioritizes user convenience with real-time availability updates, saved items, and responsive customer support, making it a user-friendly platform for both Android and iOS.

CERTIFICATION

- "Python Developer in 2020: Zero to Mastery" on Udemy
- "Swift 5 Essential Training" by LinkedIn Learning
- "Learning Git and GitHub" on LinkedIn Learning
- "Scrum Fundamentals Certificate" on Scrum Study
- "Bash, PHP, Java, and MySQL IIT Bombay Training Certificate" on IIT Bombay