Vijender Nagra
Android Developer - Eidyias Inc

Fremont, CA - Email me on Indeed: indeed.com/r/Vijender-Nagra/0a170889d9ba8c30

Seeking a developer position in an organization where I can utilize my existing skills and knowledge and develop new skills to contribute in the accomplishment of project goals.

WORK EXPERIENCE

Android Developer
Eidyias Inc - Fremont, CA - January 2014 to Present

Developed an android fitness application to display the calories burnt using the GPS data. Application uses the Location Manager and Location Listener provided by android SDK to find the exact location changes of the device. Primary purpose of this app is to calculate the distance traveled and calculate the calories burnt based on the distance travelled.
❸ Contributed to the full mobile application development lifecycle from planning, requirement gathering, development, testing and launching on Google play store for beta testing.
❸ Responsible for development of all application components and UI resources
❸ Integrated Google play services and Google Maps API V2
❸ Performed testing on Physical device and the android emulator.
❸ Built compatibility with android version 2.2 (API 8) to present (API 19).
❸ Implemented Location Listener to show exact location on Google Maps.
❸ Used Polylines to draw path on Google Maps with accurate GPS location changes.
❸ Published and updated the application on the Google play store as Calorie Burnt.

Android Developer
Basic Launcher - July 2013 to Present

Developed and application which is a customized, performance driven - home screen replacement for Android Devices. Application's primary use is for adult's unfamiliar with the smart-phone interface or anyone upgrading from a simple phone. It is made to serve people with disabilities and senior's to find their way around the phone by providing features like - easy access to navigation, phone contacts, simple easy to use voice commands.
❸ Contributed to the full mobile application development lifecycle from planning, requirement gathering, development, testing and code maintenance and enhancement.
❸ Built various UI components using the android SDK and Eclipse android plug-in.
❸ Performed speech reorganization tasks by utilizing TextToSpeech and recognizer Intent.
❸ Added support for reminder setting and status bar notification using pending intent and alarm manager.
❸ Integrated Android Google Maps V2 to locate current location and show specific address on map from user input
❸ Other features: Open phone dialer, open default browser, browse contacts, browser incoming SMS messages.

Android Developer
Twitter Trends - January 2013 to July 2013

The application implemented a geographic visualization of twitter data across USA. The map displayed the people's discussion trends.

❸ Implemented a feature to aggregate the tweets by state with the closest geographic center, and color encoded each state according to the aggregate "sentiment".
❸ Implemented word extraction methods that took a string input and returned tuple of words contained in the string.
❸ Performed a lot of debugging activity by making custom doctest dictionary to validate and analyze the twitter "sentiments" about a topic.

Skills
Programming Languages: Core Java, Python 2/3, C, C++, JavaScript

Android - SDK 2.2 +, Emulator, ADB, DDMS, SQLite Database, Loader,
Notifications services, Location based Services, Android Google Maps v2 API,
Mobile Technologies: Content Providers, Alarm Manager, Broadcast Receiver & Services, XML, AsyncTask, Fragments and ActionBar.
Support multiple screen sizes, Support different languages, 2D, OpenGL

EDUCATION

Electrical Engineering & Computer Sciences
University of California   -   Berkeley, CA
August 2011 to August 2013

Computer Science & Engineering
Ohlone College   -   Fremont, CA
August 2009 to May 2011