Neelkanth Dabhi

Software Engineer

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Projects

iSight
Android, Azure, UX Design

- Android app that helps people with low vision to understand their surroundings.
- iSight takes a picture from the user's camera and converts it into a descriptive text about the image, it can describe objects, emotions, and extract text from the frame.
- The biggest challenge was to develop the user interface for the visually impaired users for that I have created gesture, voice, and haptic feedback-based navigation.

FireBlog
Android, Material Design, Firebase, UI/UX Design

- A Photo Blogging app backed by Firebase, I made while learning Firebase.
- Helped me learning about Firebase Authentication, Firestore database, Crashlytics, Firebase notifications and Material Design components.
- I have added features like user can sign up/login; create, delete, like and share a post; manage profile, etc.

Directly
Android, UI/UX Design

- Directly allows you to create a shortcut of a file on the device or URL to home screen.
- User can customize the look and feel of the shortcut icon, for example, icon color, text, etc.
- I got to learn about android's intent class called Install Shortcut while making this app.

App Digger
Android, Material Design, UI/UX Design

- App Digger is the simplest app manager for android devices.
- App has features like extract apk, check root availability, battery info, and display info.
- It uses android's package manager class to extract the APK file and saves it to the device.

Experience

Software Engineer @ EYUVA
May 2017 – June 2018 // Rajkot, GJ

- Worked on Android apps with more than 10 modules & thousands of lines of code.
- Developed and maintained code for in-house and client projects primarily using Java.
- Worked closely with designers and management team to develop, document, and manage android apps.

Skills

Programming Languages
Java, JS, HTML, CSS, C++

Libraries & Frameworks
Android, Sails.js, Node.js, Express, Spring

Tools & Platforms
Git, AWS, Docker, Firebase, Google Play Console

Concepts
CI/CD, Scrum, Design Patterns

Design
Adobe XD, Adobe After Effects

Education

Dalhousie University
2020 – 2021 // Halifax, NS
Master of Applied Computer Science

Gujarat Technological University
2015 – 2019 // Ahmedabad, GJ
Bachelor of Engineering in Computer Engineering (8.4/10)

Community

Google Developer Group
Aug 2017 – March 2018 // Rajkot, GJ
Co-organized 4 events with 1000+ participants, collaborated with the best designers and developers around the region. Also, delivered an hour-long session on Android instant apps.

Interests

Traveling, hiking, designing