Neelkanth J. Dabhi

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Education

Dalhousie University — Halifax, NS
Master of Applied Computer Science — 2020 - 2021

Gujarat Technological University — Ahmedabad, GJ
Bachelor of Engineering in Computer Engineering — 2015 - 2019

Projects

iSight *Android, Java, Azure, UI/UX*
Built an app to helps people with low vision to understand surroundings. iSight takes a picture from user's camera and converts it into a descriptive text about image, it can describe objects, emotions, and extract text from captured frame. Designed UI/UX from scratch using gestures, voice, and haptic feedback, to facilitate needs of differently abled users.

Group Formation Tool *Java, Spring Boot, Clean Code, Design Patterns*
Wrote modular, performant, and robust code with a team of 4 in a scrum environment. Good exposure to test-driven development (TDD), Software Design Patterns, GitFlow, and S.O.L.I.D. principles. Engineered project's CI system, providing a comprehensive CI/CD pipeline. Programmed Group Formation functionality, to generate groups based on similarities and dissimilarities.

GitFolio *React, Styled Components, GitHub REST API*
React based web app with Styled Components and Fusion Charts for visualizing personalized GitHub data such as repository, followers, and account meta-data. Includes data visualizations of user's contribution chart, top languages, and starred repositories.

FireBlog *Android, Java, Material Design, Firebase*
Created a fully fledged photo blogging app backed by Firebase, with complex features such as Live feed of user posts, real-time like counts, and user authentication. Implemented Firebase authentication, Firestore database, Crashlytics, Firebase notifications and Material Design components.

App Digger *Android, Java, Material Design*
Developed an app to share or extract any user application in .APK format, and provides critical system information such as availability of root access, display resolution, screen refresh rate, battery temperature, and voltage.

Skills

Programming Languages:	Java, Java Script, HTML, CSS, C++
Tools & Platforms:	Git, AWS, Docker, Firebase, Google Play Console
Libraries & Frameworks:	Android, Node, React, Spring Boot
Design:	Adobe XD, Adobe After Effects

Experience

Eyuva Technologies — Rajkot, GJ
Software Engineer — May 2017 - June 2018

- 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.
- Collaborated with designers and management team to develop and deploy apps to Google Play console.
- Supervised team of 6 developers to ensure best Material Design practices, resulting in clean and elegant app interface.
- Assured app compliance with Google Play Polices before every release.

Community

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

Certification

Google Cloud Platform Big Data and Machine Learning Fundamentals — June 2019
Verify at coursera.org/verify/QVUTHEM9ZTBC