Malwinder Singh

Passionate Android and Kotlin developer with over 5.6 years of experience

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TECHNICAL SKILLS

- Programming languages: Kotlin and Java.
- Android APIs: Worked on Bluetooth Low Energy, Near Field Communication, Inter-Process Communication APIs, Material design.
- Design patterns and application architecture patterns like MVVM.
- Version control systems like Git and project management tools like Jira.
- Pull request code reviewing.
- Agile methodology and Jira ticket flow and creating a checklist.
- Unit testing.
- Making of multi-rotor model aircraft and setting it up with Autopilot software.

SECONDARY SKILLS

- Verbal and written skills.
- Timeline estimation.
- API and KT documentation.

PROFESSIONAL PROJECTS

- **Heart Advisor by Omron** Play Store
  A health monitoring application used for displaying data read from BLE based BP monitors, Weighing scales, and also recording audio from EKG devices and offers features to set goals and share data.
  - A BLE application developed based on a modular architecture.
  - Created application 100% in Kotlin
- **GO NFC Reader by Emerson** Play Store
  - Used MVVM architecture and integrated data binding.
- **Oversight by Emerson** Play Store
  - Improved performance by following good coding practices and design patterns.
- **GO BT Reader by Emerson** Play Store
  - Worked on the integration of BLE APIs.
  - Improved speed of data transfer from the BLE device.

CO-CURRICULAR ACTIVITIES

- Contributor on StackOverflow. Reached more than 550,000 people. Profile
- Wrote articles on Kotlin and Android. that received more than 25,000 views. Wrote articles for Android Pub. Profile
- Github

ACHIEVEMENTS

- Achieved the second position in technical paper presentation competition at the technical festival organized by IEEE.
- Won Gold medal in aerobatics flying competition in aeromodelling in NCC.

CURRENT JOB ROLE

- November 2019 - Present
  Technology Analyst (Android) at Firminiq Systems Pvt Ltd
- February 2019 - October 2019
  Team leader (Android) at Skycap
- November 2014 – February 2019 (4 years and 3 months)
  Software Developer (Android) at Mobile Programming Pvt Ltd (A1 Technology).

ACADEMIC QUALIFICATION

- Bachelor of Science in Computer Science from Punjabi University, Patiala.
- Higher Diploma in Software Engineering from NIIT with a CGPA of 9.5.
- Scored 83% in Secondary School examination and 76% in Senior Secondary School Examination.