

Sourav Anand

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Summary

Software Engineer and quick learner with 8 years of experience in software development, Android app development having a strong computer science fundamentals and design experience. Experienced in an agile environment, writing and implementing user stories.

Skills

- Programming Languages: Java , C#, Kotlin, Python
- Android: MVVM, Maps, Firebase, Mobile sensors, Jetpack, in-app purchase, Google ML kit, SLM and on-device model
- User Interface: UI/UX Design, Material 3 Design
- Other Languages: React, HTML, CSS, JavaScript, XAML, three.js, dot net
- Additional Frameworks: Git, GCP, Django, MUI
- Deployment: Play Store deployment, Jenkins Pipeline setup

Experience

Technology Analyst | Infosys

Apr 2021 – Present

- Worked with a team of 15 members as lead, developed AGCO Retail App for iOS and Android.
- Migrated old application codebase, awarded as **Techno Master**.
- Designed architecture, implemented features, improved performance and resolved design challenges.

Software Developer | Anmoul Infomatics

Aug 2016 – Mar 2021

- Worked in a startup environment on prototype design, interface development, software development, testing, and R&D.
- Developed applications for industries including JUSCO, Tata Steel, Tata Pigments and others.

Personal Projects

1. Satellites Android App

Link – <https://souravanand.in/p1>

- An app for tracking **satellites** live location with SGP4 model and its design is based on Material 3 guidelines to keep UX modern and simple.
- Used native Android libraries to reduce app size and enhance stability.
- Got **100k+ downloads and 4.5+ rating** on the Google Play Store.

2. Mars Weather App

Link – <https://souravanand.in/mars>

- Designed and developed a web app to display Mars weather report from **NASA's** Curiosity rover.
- Used JavaScript for data processing and the Semantic UI framework for the frontend.

3. Colour Visualizer

Link – <https://souravanand.in/p2>

- Developed a Windows application in C# and WPF for color visualization of images through **image processing** in dot net.
- Designed to be used as a visualizer to display image replicas of different color shades with simple user interface.
- Currently being used by **reputed color** industries.

4. Touch-Free KIOSK

- Created an **award-winning** touch-free KIOSK machine application using C# and SQL Server during the COVID crisis.
- Designed as simple as possible so that a person with little or no machine knowledge can also use.
- Currently used by approximately 500 users daily.

Education

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|--------------------|--------------------------|--------|-----------|
| • MCA | IGNOU, Jamshedpur | 69% | 2016-2019 |
| • BCA (Vocational) | Jain College, Jamshedpur | 80.42% | 2013-2016 |

Certification

- | | | |
|---|----------|------|
| • CS50's Web Programming with Python and JavaScript | HarvardX | 2020 |
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