

Abhishek Tiwari

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Work Experience

AppyHigh Technologies

MOBILE DEVELOPER INTERN

Hyderabad, India

Aug. 2020 - Present

- Lead Developer for android application for Document Scanning and File Utility operations.
- Implemented socket calls which reduced call drops and increased call match rate in Video Calling android app.
- Technologies: Android, **Flutter**, **TensorFlow Lite**, **Firebase**, **Web Sockets**

SPACENOS

ANDROID DEVELOPER INTERN

Work From Home

April 2020 - June 2020

- Developed dating app based on **Firebase Firestore** and **Cloud Functions**. Worked on In-app updates and **payment integration**.
- Technologies: **Firebase**, **JavaScript**, **Cloud Functions**, **Razorpay**

Cppsecrets.com

PYTHON DEVELOPER INTERN

Work From Home

January 2020 - March 2020

- Developed scripts and wrote tutorials on use of various Python APIs including Google Tasks API.
- Technologies: **Python**, **Google Tasks API**

Digital Corridor

FULL STACK DEVELOPER

Work From Home

Aug. 2019 - Jan. 2020

- Worked on development of e-commerce android application and a wedding planner android application.
- Technologies: **Firebase**, **PHP**, **MySQL**, **JavaScript**, **HTML/CSS**

Skills

Programming Languages

Python, Java, Kotlin, Dart, C/C++, PHP, JavaScript, HTML, CSS,

Platform

Android Studio, Google Cloud, Travis CI, Circle CI, Firebase, Tensorflow, Adobe XD, Figma, Unix

Development

Android, Flutter, Flask, MySQL, MongoDB, Git, PyQt, JavaFX, OpenCV, Numpy, Pandas

Projects

UnicornFilePicker

ANDROID LIBRARY, JAVA

GitHub

January 2021

- Currently has 23 stars and 2 forks on GitHub
- Open Source Android Library which ships a simple well-designed File Picker for android

MyMovieList

ANDROID, FIREBASE, CLOUD FUNCTIONS, JAVASCRIPT, RETROFIT, REST API

www.mymovielist.digital

June 2020 - Aug. 2020

- Android App to browse through thousands of movie titles, add them to watchlists and share them with friends.
- Deployed on Google Play Store. Currently has **1000+ downloads**.

Java FX Code Editor

JAVA, JAVA FX, SCENE BUILDER

March 2019

- An Editor for Java with default dark mode which automatically switches to light mode if the user makes a syntax error.
- Also formats the error stack trace and displays in a beginner-friendly manner.

AI powered Depression Detection

ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, ALEXA SKILLS

Feb. 2019

- Detects symptoms of depression in the user through Alexa using sentiment analysis of the user's social media profile.

Bechdel Test for Movies Using Computer Vision

OPENCV, PYTHON, NLP, DEEP LEARNING, FACE RECOGNITION

Jun. 2019 - Aug. 2019

- Used facial recognition through HAAR Cascade from the OpenCV library in Python to detect two women sharing the same frame. The gender of the detected faces is determined through deep learning using a simple Neural Network which was trained on the Adience Dataset.
- Finally used NLP on the movie script to determine the topic of conversation.

GPA Calculator

ANDROID, FIREBASE DATABASE

Jun. 2018 - Aug. 2018

- An android app exclusively for the students of IIIT Kalyani to calculate their SGPA and CGPA with cloud storage.

Education

Indian Institute of Information Technology, Kalyani

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

- CGPA 9.33

Kalyani, West Bengal

Aug. 2017 - May 2021

Kerala Samajam Model School

HIGHER SECONDARY

- Percentage in **Class XII - 97.25**
- Percentage in **Class X - 98**

Jamshedpur, Jharkhand

Extra Curricular

- 2019 **Second Runner-Up**, CodeUtsava 3.0, NIT Raipur Hackathon
- 2018 **Best Hardware Hack**, Hack-A-BIT, BIT Mesra Hackathon
- 2018 **Runner-Up**, WEBNET 2.0, IIIT Kalyani Web Developer Hunt
- 2017 **Principal's Award**, KSMS, All Round Performance

Open Source Contributions

Aerospaceresearch.net - VisMa

PYTHON, PYQT5

Jan. 2019 - April. 2019