

# UTKARSH BARANWAL

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## EXPERIENCE

### APPY HIGH

Software Development Engineer Intern (Mobile)

Hyderabad, India

August 2020 - Present

- Developed an SDK that's being used by Publishers to Show Feeds/Videos in their Application. Implemented Native Ads, Created a Reels like Interface for Videos
- Worked on ShareKaro a file sharing Application with more than 10 Million Downloads. Implemented Bluetooth Functionality to discover nearby devices
- Improved existing connectivity module for seamless file transfer, handled edge cases for different errors

### EARNEST FINTECH

Software Development Engineer Intern

Mumbai, India

April 2020 - August 2020

- Developed a wrapper SDK around Google's IMA SDK
- Created APIs to gather and show ads Using Prebid.js
- Worked on an open source ad server called Revive. Integrated Vast 4.0 Functionality

### SOCKO HEALTHCARE

Mobile App Developer Intern

Delhi, India

May 2020 - July 2020

- Worked on existing Android Application which is used to book Lab Tests
- Improved UI. Added support for different screen sizes
- Implemented Paytm's payment gateway
- Migrated existing Android application to Flutter

### DIGITAL CORRIDOR

Full Stack Android Developer Intern

Varanasi, India

Aug 2019 – Jan 2020

- Developed E-Commerce android application and website for grocery vendor with payment gateway integration along with a vendor console to manage orders and delivery
- Developed an Event Planner android app which enables all event related vendors and decorators to register and make their services available online.
- Implemented Social Login, Firebase Services
- Made APIs using PHP

### JABALPUR SMART CITY LIMITED

Summer Intern under UADD

Jabalpur, India

Jun 2019 – Jul 2019

- Made a report on Digital Addressing System and it's implementation citywide
- Improved Jabalpur Tourism website by fixing bugs
- Developed a JavaFX based desktop application with the functionalities like exporting data as PDF and printing it. Added SignIn functionality and Integrated it with Company's server

## EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KALYANI– Kalyani, West Bengal

2017-Present

Bachelor of Technology, Computer Science and Engineering

MTS Public School– Mirzapur, Uttar Pradesh

2015-2017

Sr. Secondary

## TECHNICAL SKILLS / INTERESTS

**Programming:** C, Java, C++, Python, PHP, Javascript, Dart, Node.JS

**Database:** MySql, Firebase, PostgreSQL

**Frameworks:** Express JS, Sequelize(Database)

**Softwares:** Adobe Photoshop, Blender, AdobeXD, Figma(Wireframes and Prototyping)

**Areas of Interest:** Mobile App Development(Android Native, Flutter), Backend Development(Node.JS), Frontend Development(React), Algorithms

**Platforms:** Amazon Web Services(Elastic Beanstalk, Amazon SES, Amazon RDS), Docker

## PROJECTS

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### HYPERLOCAL E-COMMERCE SETUP

*July 2020 - Oct 2020*

- Flutter based Application for Vendor side to Manage Product Listings, Managing Orders, Reviews, Payments
- Prototyping using Figma
- Implemented Feature to run offer campaigns for specified periods, or for specific category or products
- Implemented FCM, Firebase Services for better analytics and performance
- Features to crop and upload Product Photos,
- Node.js based Backend for APIs, Implemented JWT based authentication along with Firebase SDK to notify users about different events
- Implement Search APIs for efficient product search according to category or names, keywords
- Used AWS Elastic Beanstalk to run EC2 Instances of Server and SES to email users about different informations
- Amazon RDS to host PostgreSQL DB

### PATIENT HEALTH MONITORING SYSTEM

*Apr 2019*

- An Application to manage Patient Data and Manage Appointments
- Separate Logins for Doctors and Staffs
- JavaFX based with MySQL as database
- Implemented Twilio's SMS Notification Api for notifications

### GRADE MANAGEMENT SYSTEM

*Feb 2019 – May 2019*

- Desktop application for Administration and Professors using python
- With functionality to View, Modify the Grades of Students. Use of Bar and Pie charts to show analytics
- Android App for Students to View their Grades, with functionalities to raise a request to respective faculty

## ADDITIONAL

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**Certifications:** Introduction to Flutter Development Using Dart

**Languages:** Fluent in Hindi, English

**Interests:** Cricket, Competitive Coding, Designing, Cooking, Photography, Reading