



# Rajat Payal

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As a computer science graduate, my keen interest in software development and collaborative work experience in different phases of development have made me a valuable asset to any team. I am committed to delivering high-quality work and a dedication to continuous learning.

## Work Experiences

### Android Development Internship

(📅 Jun 2020 - Dec 2020) , 📍 Delhi, India)

#### Wayezi Technologies ( 9 months )

1. Collaborated with Wayezi to design **UI/UX** , **Payment Gateway** and features using **javascript/java**.
2. Implemented optimized **splash screen** and scalable REST APIs for improve performance.
3. Developed **user profile interface** using XML for a seamless user experience.
4. **Responsibilities:** Writing testable code and integrating software components into functional systems..
6. **Tech stack:** **Firebase RDBMS, RESTful APIs, JAVA, React, SQL, Google Cloud Services**

### Artificial Intelligence Internship

(📅 Jan 2020 - Mar 2021) , 📍 Remote)

#### Widya ( 3 months )

1. improved AI processes' efficiency as an AI intern with the onboarding team.
  2. Florished workflows using RapidMiner for model development and performance evaluation.
  3. Achieved 90-95% efficacy via Apriori Algorithm for association rule derivation, tuning, and testing.
  4. **Responsibilities:** Preprocessing data, Developing models, Evaluating performance, Collaborating with team.
- Tech stack:** Python, R, SQL, **XML**, Machine learning algorithm

### Android Development Internship

(📅 jun 2019 - Aug 2019) , 📍 Dehradun , India)

#### ASCITECHNO (3 months )

(Project name: Attendance Management Application)

1. Designed and developed a full-stack application , **Responsibilities** includes app development , optimization and collaboration with team members , Utilization Firebase (RDBMS) and AWS cloud services.
2. **Tech stack:** SQLite Database, **Adobe XD**, Flutter(IOS), Firebase, **Java**

## Skills

**Software Languages:** Java, Python, JavaScript

**Software Platforms/library:** Android SDK , Android Studio, Gradle, Git(version controle), MVC, MVP, MVVM, RESTful APIs, JSON, Material Design, Firebase, Retrofit, Gradle, Java Collections, Java Swing

## Education

**Dev Bhoomi Institute of Technology and Engineering, 📍 Dehradun, India**

(📅 Aug 2020 -Jun2023)

**Bachelor of Computer Science & Engineering , CGPA (7.5/10)**

**Swami Rama Himalayan University, 📍 Dehradun, India**

(📅 Aug 2017 - Jun 2020)

**Diploma in Computer Science & Engineering , CGPA (7/10)**

## Projects

### IoT Restro Application ( Demonstration URL )

1. Deploy User Registration and Authentication module, Payment Processing, and Restaurant Food Data using Cloud-Based RESTful API , Designed an optimized UI/UX using Adobe XD .
2. Implemented IoT code using C++ and Arduino microcontrollers for hardware integration.

### Simple Notes Application ( Demonstration URL )

1. Built a native notes application with ad block, just 3 MB in size
2. Features include image addition, theme color changes, drag and drop notes, URL support, map marker of current location, and offline NOSQL database using Room Database Utilized JAVA and Flutter in the tech stack.

### Capstone(Data Analytics) ( Demonstration URL )

Analyzed Cyclistic bike-share data with Data Analytics Capstone, using roadmap tables for success.

Conducted Bellabeat case study on wellness technology.

**Tech stack:** SQL, Tableau, and Python

## Certifications

1. **Data Analytics Professional Certificate:** Comprehensive training in data analytics with Google tools, covering data collection, analysis, and visualization, and providing hands-on experience.
2. **ASCITECHNO HUB** Android App Development Certification: **A+ grade** with training from a reputable provider.
3. Data Science & MA: Application in Health, Technology & Business from **Nottingham Trent University**

## Strengths

**Teamwork , Dedicated , Result Oriented , Logical , Time Management**