

# Priyanka Jain

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## EDUCATION

Nanodegree Udacity(Android developer)	June'18- Dec'18	<a href="#">Link</a>
B. Tech (Computer Science & Engineering) (Poornima University, Jaipur)	2014-2018	8.44/10.0
CBSE (GRADE-12) (Central Academy, Jaipur)	2014	83.2%
CBSE (GRADE-10) (Central Academy, Jaipur)	2012	8.6/10.0

## Work Experience

### Google Summer of Code Mentor-2019

### OWASP Organization

20 March'19-30 Sep'19

- I will be mentoring Security Knowledge Framework Chatbot.
- It can help security enthusiasts to check whether their sites follow all the security protocols or not.

### Google Code in Mentor-2018

### JBOSS Organization

18 Sep'18-7 Jan'19

- I was mentoring a project Visiting Card(Android app)
- Projects Backend was written in Django
- An Android application that helps to virtually exchange digital visiting cards while attending meetups and conferences.

### Machine Learning Engineer

### UX Army Pte. Ltd.

3 Jan'18-Present

- Developed a **Speech Recognition tool** using CMU Sphinx and Machine Learning for Asian accents using TedX data to train the model.
- Used Watson and Google API for speech transcription and integrated those API with web framework.
- Worked on UXArmy Avatar Bot(RUI) which is live on site as well as on messenger.
- Worked on **Voice Activity Detection** for human voice using CMU Sphinx and Machine Learning.
- Created a messenger chatbot using Dialog Flow Framework.
- Created an **insurance Bot, paint bot** (which can recognize image and suggest colours) using Dialogflow and OpenCv.
- Created a **speech transcriber** web app using Watson and Amazon Api's.

### Student Developer

### Google Summer of Code (2018)

14 May'18-14  
Aug'18

#### Organization: OWASP (Security Knowledge Framework Chatbot)

- Preparing dataset of Security Knowledge Framework and chatbot preparation.
- Implementing Natural Language Processing and Intent Classification.
- Integrating chatbot with different platforms (Gitter, Slack and so on).
- Unit testing for all the modules.

### Android Intern

### Aaron Softech Pvt Ltd.

15 Nov'16-5 Feb'17

- Worked with Google Sign in API, Firebase and Retrofit API.
- Worked on Materials Design and Google Ad mob (Interstitial ads).

- Developed Application dynamically using rest services with the help of Json, used various other options like SQLite database for storing local data.
- Enabled Application with the option of Rating, Feedback etc. using various concepts of Intent. Provided application with the option of uploading image from the gallery as well as camera.

## Projects

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### Pneumonia Classifier

15 Mar'19 -21 Mar'19

- ML application which helps user to classify whether the person has Pneumonia or not.
- User need to upload the image of lungs Xray.
- It is deployed locally using Python's Flask Framework.
- Link of Notebook in which Model is Trained: [Link here](#)

### Ziddi Store

15 Feb'19 –Present

- Created an E-Commerce Site for selling Clothes.
- App is under development
- Site can be accessed [here](#).

### Chat Spices Sticker app

18 Dec'18 -21 Dec'18

- Provides Whatsapp sticker.
- Playstore Link: <https://play.google.com/store/apps/details?id=com.priyanka.chatspices>

### Web app Chatbot- SKF

10 Sep'18 -10 Oct'18

- Created a web app(chatbot) for SKF project.
- Github Link: <https://github.com/Priya997/skf-web-app>
- Skills Acquired: Python, Pandas, Machine Learning

### Stock Market Analysis and Prediction

10 Sep'17 - 2 Nov'17

- Python GUI (WxPython) and web interface (Flask) project which fetches stock data from Quandl.
- Creating graphs using the fetched data using matplotlib and plotify.
- Predicting new data using Linear Regression
- Setting Email alerts
- Skills Acquired: Python, Pandas, Plotify, Matplotlib, Data Handling, Machine Learning

**Project Selected by Department of Science and Technology, Government of India for further Development**

### GST +

15 Sep'17 - 24 Sep'17

- GST + calculator gives you all the functionalities of a basic calculator.
- Additionally, it gives you the power to calculate GST (Goods and Service Tax) for every product available in the market.
- Skills Acquired: Android, Material Design

### Let's C

Apr'17 - May'17

- An app which consists of basic C programs.
- Skills Acquired: Android.

### Selfie Competition App

Nov'16 - Feb'17

- An app which conducts online selfie competition.
- Skills Acquired: Android, Retrofit API, My Sql, Firebase.

## Technical Skills

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**Programming Language:** C, C++, JAVA, Python

**Technology:** Android, Data Science, Machine Learning and NLP

**Database:** Oracle, MySQL, SQLite

**Android:** JDK, JSON, Retrofit, Web Services REST

**Tools:** Tensor Flow, Dialog Flow, Android Studio

**Web:** Flask (Python Web Framework), PHP, Wordpress (Framework), Sanic(Python Web Framework)

## **Extra-Curricular Activities**

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- Secured 1st position in Poster Making Competition at Poornima University in 2015.
- Secured 1st position in Quiz Vita at Poornima University in 2016.
- Secured 1st position in Scavenger Hunt in Lakshya Annual Sports and Cultural Fest (2016) at Poornima University.
- Secured 2nd position in Volleyball in Lakshya Annual Sports and Cultural Fest (2016) at Poornima University.
- Secured 2nd position in Relay Race in Lakshya Annual Sports and Cultural Fest (2014) at Poornima University.