

# RITVIK KHANNA

## Software Engineering Student

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## EXPERIENCE

### Technical Intern

#### Chaayos

June 2017 – July 2017

New Delhi

- Developed a Visualization tool for error analysis for a detailed IOT based machine.
- Worked on Python and used AWS S3 storage service in the project
- The project involved Raspberry Pi, Arduino microprocessors.
- Technologies used: Python, Amazon S3, ELK Stack

### Technical Intern

#### GAIL (India) Limited

December 2016 – January 2017

Noida

- Worked on Web Development Project under the Business Information Systems (BIS) team of GAIL, Noida.
- Created a internal e-banking portal using .NET programming
- Technologies used: HTML, CSS, JS, C#, MySQL.

## PROJECTS

### Home Automation with a Throwback Tool

August 2017 – November 2017

- An IOT based project
- A home assistant embedded in a daily used mirror, that can be remotely controlled with a dedicated mobile application.
- Fully voice controlled, user can create memo/reminders and snap pictures of themselves over voice commands, with real time analysis of health through external wearable devices(beta).
- Connected to Firebase database with authentication for data privacy of different users and real time updates.

### Park&Forget

Feb 2017 – May 2017

- An Android Mobile Application
- The mobile application “Park&Forget” will help it’s users to be able to store the location of the place they have parked their Car.
- It uses Google Maps API and geolocation services to detect and direct location.
- Google’s Firebase is used as a storage service for saving the recent locations visited.
- The application’s User Interface is fully responsive with right size graphics and colors to point.

## SKILLS

Python C++ Java JavaScript

HTML/CSS

Android Machine Learning

Internet Of Things

## EDUCATION

### B.Tech - Information Technology

#### Vellore Institute of Technology

2015 – 2019

CGPA (as of 6th sem) - 8.8

### SSC board

#### FIITJEE, Hyderabad

2013 – 2015

Percentile - 96.7

## EXTRA-CURRICULAR

### Director Of Operations

#### Erde NGO, Vellore

2017 – present

Overlooking the operations and logistics department of ERIDE, a non profit organisation in and around Vellore.

### Sales Co-ordinator

#### GraVITas'17, VIT

2017

Handled various requirements of sales and official merchandise of the technical festival of the campus.