RITVIK KHANNA

Software Engineering Student

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github.com/ritvikkhanna09

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

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Android Machine Learning
Internet Of Things

EDUCATION

B.Tech - Information Technology
Vellore Institute of Technology

📅 2015 – 2019

CGPA (as of 5th sem) - 8.7

SSC board
FIItJEE, Hyderabad

📅 2013 – 2015

Percentile - 96.7

EXTRA-CURRICULAR

Director Of Operations
Eride 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.