Ayush Agarwal

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EDUCATION

Indian Institute of Technology, Roorkee	**Roorkee, India**
BTech in Computer Science GPA: 9.338	*July 2017 - Present*
Jaipuria Vidyalaya	**Jaipur, India**
Senior Secondary Education, CBSE (93.8%)	*April 2015 - June 2017*

ACHIEVEMENTS

- Our team Debug Thugs stood among **Top 5** teams out of 52 best teams selected from all over India at **India's biggest community hackathon, InOut 2018**.
- Secured **All India Rank 368** in **JEE Advanced - 2017** among 2,20,000 students.
- Secured **All India Rank 350** in **Joint Entrance Exam Main - 2017** among 1.5 million students.
- Secured **All India Rank 81** in **Kishore Vaigyanik Protsahan Yogana (KVPY 2017)** and was awarded with prestigious KVPY scholarship.
- Cleared **National Standard Examination in Chemistry (NSEC 2017)** and got Certificate of merit for being **top 1%** in country.
- Secured **All India Rank 325** in **Kishore Vaigyanik Protsahan Yogana (KVPY 2016)** and was awarded prestigious KVPY scholarship.

PROJECTS

Claim.it

Ethereum   *March 2018*

- Our app Claim.it aims at reducing the effort from bank's end with respect to the vehicular insurance claim investigation and claiming procedure.
- Tech stack include **Ethereum blockchain**, **Flask**, **Android**, **GraphQl** and **Google Cloud services**.

Liquid Pull To Refresh

Flutter   *December 2018 - Present*

- A custom and beautifully designed refresh indicator for flutter.
- The repository has **230+ stars** on Github.

Animated Text Kit

Flutter   *July 2018 - Present*

- A flutter package which contains a collection of some cool and awesome text animations.
- The repository has **250+ stars** on Github.

IntroViews

Flutter   *June 2018 - Present*

- A Flutter package for some material design app intro screens with some cool animations.
- The repository has **180+ stars** on Github.

Flutter Spinkit

Flutter   *June 2018 - Present*

- A Flutter package which contains the collection of loading spinners.
- Made in collaboration with Jeremiah Ogbomo and currently the repository is having **640+ stars** on GitHub.

GreenWay
Android   *October 2018*
- A mobile based product which records the road quality in runtime and processes on algorithms indigenously.
- Selected among **Top 5** teams among 52 best teams at InOut 2018.

Image Steganography
Android   *May 2018 - Present*
- An android library which automates the process of hiding a secret message in an image.
- This library uses the LSB Embedding algorithm proposed by Rosziati Ibrahim and Teoh Suk Kuan in their Research Paper published on February 25, 2011.

Home Automation
Arduino   *April 2018 - May 2018*
- Project taken under the Digital Logic Design [ECN - 104] course.
- We develop a home automation system using an Arduino board with Bluetooth being remotely controlled by any Android OS smartphone.

My website
ayushagarwal.ml   *March 2018 - Present*
- Static website built via Jekyll and hosted by GitHub Pages.

UKnow!?
Android   *January 2018 - February 2018*
- Successful submission of Microsoft Code.Fun.Do 2017 online round.
- This app takes a virtual interview and predicts the score using machine learning.

EXTRA-CURRICULAR

Mobile Development Group   **IIT Roorkee**
Developer   *July 2018 - Present*
- Involved in developing mobile applications for campus students as well as open to Internet.
- Involved in organizing various lectures and workshops for the students.

National Service Scheme   **IIT Roorkee**
Member   *July 2017 - May 2018*
- Active member of Sponsorship cell.
- Found many sponsors for the various events conducted by NSS.

Apex Body   **Jaipuria Vidyalaya, Jaipur**
Academic Prefect   *April 2016 - March 2017*
- Active member of school's Apex Body.
- Involved in coordinating all the stuffs related with academics.

SKILLS

OS: GNU/Linux, Windows
Programming Languages: C++, Java, Dart, LaTeX, Python, Javascript
Frameworks: Flutter, Android, Django
Software: Android Studio, Sublime Text, Git, VS Code, Adobe Illustrator, Adobe Photoshop
Languages: English, Hindi