

## Divij Sehgal

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### EDUCATION

Delhi Institute of Technology and Management, Sonipat  
Bachelors of Technology, Computer Science (2013-2017)  
C.G.P.A. 7.5/10.0

Study Hall School, Lucknow  
All India School Senior Certificate Examination, 2013  
81%

### EXPERIENCE

Full Stack Developer, FlytBase Inc, Pune Oct, 2017 - Present  
Development of web related software centered around drone based applications.

- Bug Fixes and Flytbase API Documentation Updates.
- Improvements and Bug Fixes to Flytbase's Cloud Architecture and Web Applications.
- Developed a POC for a real time video streaming application over RTP/RTMP protocols built over the Wowza Streaming Engine. The application lets a drone user stream live video from a camera present on the drone to the cloud, from where it is streamed to users on demand.
- Analysis, design, development and deployment on various Internal as well as Custom Software Projects.

Intern, HT Media, New Delhi Jan-July, 2017  
Web application development using The Django Framework, Celery, AngularJS, MySQL, ELK Stack, Postfix MTA.

Summer Intern, Bharat Petroleum, Mumbai June-August, 2016  
Development of backend components based on Enterprise Java as well as Development of a Push Notification Mini-Platform built using Firebase and Android SDK.

Core Java Training Course, NIIT, Mumbai June-August, 2015  
Core Java Fundamentals Training course undertaken at NIIT, Mumbai.

### SKILLS

#### Programming

Python, Java, JavaScript, C++, MySQL, PostgreSQL, SQLite, MySQL, HTML, CSS.

#### Frameworks and Libraries

Django, DjangoRestFramework, jQuery, AngularJS, Bootstrap, Android SDK and related tools - Picasso, SugarORM, Retrofit etc, NumPy, Pandas, Scikit-learn, Flask.

#### Familiar

Linux/Ubuntu, Docker, Elasticsearch, ELK Stack, API Development, Flask, Asynchronous applications using Celery and RabbitMQ, Nginx, Apache, OneSignal, Firebase Cloud Messaging, Postfix MTA, AWS S3, EC2, Git, Containerization, Data Visualization - Chart.js, Matplotlib, Octave, Web Scraping, Video Streaming over RTMP/RTP, TDD Methodology, Scrum Methodology, Jenkins, LaTeX.

#### Other Interests

Building multi-container applications, Machine Learning Techniques, Computer Vision.  
Completed Coursera's Machine Learning Course with an aggregate score of 96%.

## **PROJECTS**

### College Notification System

Utilizing the power of Push Notifications and Android, built a mini Push Notification Platform for management of flow of information all around the Campus, among Student and Faculty Members.

Role: Android app development, frontend, backend development using Android SDK, AngularJS and Django.

### Github

Various Repos and Gists are available under the above Github handle.

## **ACTIVITIES**

- Presented a 30-min talk on Importance of CI/CD and why Monoliths are over-rated at a local Python Meetup.
- 1st in School, National Informatics Olympiad, 2011
- Co Host, Interdepartmental Cultural Event, 2014
- Drama Competition - Part of Winning Team, 2015

## **HOBBIES**

Cycling, Table Tennis, Swimming, Reading Books, Running.