

# Ivjot Singh

Software Engineer

I believe in automating the manual routines one does more than thrice a month by writing robust and performant code.

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## WORK EXPERIENCE

### Software Engineer

SupplyAI (DataCulture Inc.)

11/2018 – Present

Django & AWS

SupplyAI has built and improved its supply chain management product named Aspen in the field of e-commerce.

- Caching: Implemented caching mechanism using Redis for returns and exchanging analytics increasing the API response time by 12x.
- CICD: Integrated Gitlab Repo with Jenkins to auto-deploy server, restart services and run tests on every merging of request saving a lot of backend's team time.

### Jr. Software Developer

Acadview Software (Acquired by UpGrad)

06/2018 – 10/2018

Python & Django

Acadview is an Ed-Tech startup to bridge education gap in India.

- Analytics System: Developed System in which the admin can analyze the various metrics for Projects, Sales Assignments, Attendance, Payments, and schedule.
- Customer Management System: Contributed to the Development of the system for the student dashboard which provides assignments, notes, video data and also allowing them to submit feedback, assignments, projects.

### Software Intern and Instructor

Acadview Software

06/2017 – 05/2018

Python & Django

Acadview is an Ed-Tech startup to bridge education gap in India.

- Taught and debugged Python, Django(Framework) and REST APIs to the batch of 28 students in the project-based learning environment.
- Result Automation: Developed an end to end system for the JAGANNATH university to generate student's mark sheets and transcripts.

## EDUCATION

### B.Tech (Computer Science)

Guru Tegh Bahadur Institute of Technology - GGSIPU

2014 – 2018

81.41%

### Sr Secondary Examination

Guru Nanak Public School - CBSE

2013 – 2014

86.00%

## TECH EXPERTISE

Python

GO

SQL

Django

AWS

GIT

## CERTIFICATIONS

Python- Internshala

- Learnt syntax and semantics of python and brushed up my object oriented programming concepts, scored 96.67% in test.

Digital Marketing- Upgrad

- A comprehensive 5-month program consisting of 15 case studies to understand every aspect of digital marketing and design

## PERSONAL PROJECTS

Word-beater (Javascript)

Simple JS game that gives you score if you type the right word as displayed

Socially (Web Application: HTML,CSS, Django)

A website for product reviews with the mechanism of auto-categorization through image processing and auto recommendation through Natural Language Processing using APIs

Miner (Data Mining Tool: Python)

Instagram's analysis tool for analyzing patterns, trends, sub-trends, user profiling, targeted comments and deleting negative comments using Instagram's API's on their developer's page.

Spy Chat (Steganography App: Java)

Terminal chat app using Java that allows us to hide secret text messages inside images using steganography library.

## SKILLS

Development (Programming)



Databases(SQL & No-SQL)



DevOPS(server Management)



Integrations (Frameworks & APIs)



## TECH EXPLORED

Javascript

Docker

GraphQL

Message Queuing

Jenkins

Redis