

Vidit Agarwal

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EDUCATION

GGSIU, State university

Bachelors of Technology

Graduated: June, 2018 | New Delhi, India

Major: Computer Science

Extensive coursework:

- Programming & Projects development
- Focus on holistic s/w dev cycle from design to testing phase
- Public Speaking & Personal Development

Honour: Best student award in Internship

GPA: 8.3/10.

BMPS, Public School, Delhi

CBSE, Passed: June, 2014 | ND, India

Major: Science

GPA: 8.9/10.

SKILL

Programming Skills

Python 3 • R • Javascript • Bash • Php

Tools Knowledge

Postman • Docker • Make • Ngrok

• Kubernetes • Terraform • Git • Serverless •

CircleCi • Argo • Github/Bitbucket • Agile

(Scrum) development • Metabase •

Docker Hub • Helm

Cloud Providers

Work & Proficiency on multi cloud like:

AWS (EC2, S3, VPC, Dynamodb, RDS,

Route53, EKS, Secrets

Manager, Lambda, Cloudfront,

ACM, IAM, ECR, KMS, Cloudwatch, Billing

etc) • Azure (VMSS, AKS, Storage, File

Share, VPC/Subnet, AAD, KeyVault, IAM &

User mgmt) • GCP (GKE, GCR, GCS, VPC, Service Management, Billing, Big Query)

WORK EXPERIENCE

Elucidata Inc | Software Engineer

Aug 2018 - Present | ND, India

Last Perf. Rating : P5 (Scale P1-P5)

Promotion: Assoc. to S/W Engineer

- Managed 2 engineering interns as part of summer internship. Trained them on in-house projects and various cloud technologies and latest techs/tool
- Developed various JSON based API using **python** for the various products. Followed test driven API development. Wrote & Automated the API testing using the **Postman (CLI)** testing. Deployed on **AWS lambda & API gateway**
- Focussed work on infrastructure management, development and versioning. Design, deployed and automated the infrastructure creation for various projects. Used tools like **Terraform** and **Terraform Cloud**.
- Worked with the platform team on bringing **HIPAA** compliance for Polly. Designed and developed the **AWS IAM policies** (with POLP as base thought).
- Worked on **dockerizing** all the algorithms to make it able to run on any cloud platform.
- Built & launched the GA of

features like live user tracking, dynamic script executions, Internal cli development

- Part of a small team (2-member) that handles the complete compute infrastructure on Kubernetes across AWS, Azure & GCP. Was being a main contributor for developing and bringing the Kubernetes based architecture infrastructure in the company. Developed **compute as a service (mini cloud)** that is being used by multiple teams to build the apps on top of it. Wrote a major part of **Helm charts** for k8 deployment. Wrote the CI/CD script for the same purpose.

Honour: Got the highest appraisal rating in the company P5 (2019-2020)

TECHNICAL PROJECTS

CSGO Trading | Backend & DevOps

Year Feb 2017-2019 | New Delhi, India

Total revenue: \$5,000 gross

Had to close the website bcz of gambling & trading ban .

Was involved in:

- Running & growing the website to handle the large number of users and online activity.
- Designed and developed the complete backend system from the users authentication, various API development, user dynamic feeds, live notifications, database designing and scaling, real time CSGO item trading, live stream bot and real time CSGO skins box (like Pubg crates)
- Used CI to build and deploy the website code on various EC2 servers. Handled the SSL termination and load balancing of

the servers. Used AWS RDS for data management.

- Integrated Paypal as the payment gateway. Deployed the payment service as a separate microservice . Used node js for microservice development. Used nginx proxy as a front layer to the microservice. Built the feature of real time cash out from paypal. Successfully integrated the transactions handling.
- Built the real time trading bot (node js implementation of Steam bots) which allowed real time exchange of csgo skins to other steam users.
- Integrated the Frontend and backend apis to make the website functional.
- Contributed to the marketing team for promotion of the website. Contracted and finalised the deals with the various you-tubers to do a live video streaming of the product. Handled the users issues tickets.

FUN FACTS

Interests:

Music • News Reading • Binge Watching
• Reading General Studies • Yoga

LINKS

Github: <https://github.com/IamViditAgarwal>

LinkedIn:

<https://www.linkedin.com/in/iamviditagarwal>