

MAYANK AGGARWAL

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Gurgaon, Haryana

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EXPERIENCE

Software Development Engineer 2

Zomato

July 2023 – Present Gurgaon, Haryana

- I am dedicated to the Ads team. My focus lies in crafting tech-driven solutions that fuel restaurant's growth.
- I currently own the Ads Serving Service, which runs on 350k RPM at peak and is load tested at 1.5M RPM.
- I have worked on optimisations to reduce gRPC latency and have worked on the system resiliency from transactional to feedback systems built on Apache Flink through and through.
- For Ads business I have worked on multiple target pacing and Ads ranking logic to increase Ads revenue and platform relevancy.

Software Development Engineer

Zomato

July 2022 – July 2023 Gurgaon, Haryana

- Worked at Zomato in the Ad-Tech Team, in a tech team of about 20-30 people
- I started working on the complete Ads Creation and Billing system where I worked on building better platforms to increase booked revenue.
- Worked on React.js, PHP and Golang to migrate the Ads Creation System from monolith written in PHP to Golang Microservice and Ads platform written in React.js
- Then I started transitioning to Ads Targeting System from Creation pod.

Software Developer Intern

Zomato

Jan 2022 – July 2022 Gurgaon, Haryana

- Worked at Zomato in the Ad-Tech Team, in a tech team of about 20 people
- My responsibility is to work on the Ad Creation Platform in the Zomato Merchant App, which is called DIY 3.0 in our team.

Software Developer Intern

Dirio

June 2021 – July 2021 Remote, UK

- Dirio is a UK based seed-startup, led by a team of well-experienced people of atleast 20+ years of experience each.
- Worked as a full stack developer with a focus on front end technologies (React + TypeScript), with server side work as well

Open Source Contributor

GirlScript Summer of Code

Feb 2021 – May 2021 Remote, India

EDUCATION

Bachelor of Technology (Information Technology) - 8.43 CGPA

Manipal University Jaipur

July 2018 – June 2022

Higher Secondary - 85.2%

Delhi Public School, Sushant Lok

2016 – 2018

Secondary - 93.1%

Delhi Public School, Sushant Lok

2005 – 2016

TECHNICAL SKILLS

Programming Languages

Golang JavaScript Php Python

Node.js React.js

Data Stores

MySQL MongoDB Redis

Others

AWS Git Apache Kafka Apache Flink

gRPC

PUBLICATIONS

Research Papers

- Aggarwal, M. (2021). A study of lightweight approaches to analyze crime conditions in india. *Journal of Applied Security Research*, 16, 1–25.

PROJECTS

StackOverflow Clone

Apr 2020 – Present

- It's a clone project of a famously known QnA Website, built in using MySQL, Sequelize, Express, React and Node.js. Deployed on Vercel and Render.
- Up till now, the project has gathered quite a traffic, which is of about 500+ GitHub stars on Frontend, and 100+ stars on Backend.
- I have converted it into an open-source project and now I have about 8-9 active contributors to it.

- Contributed to two Open Source projects and mostly in the back-end code base
- The technologies to which I contributed to were Node.js, React.js, and MongoDB

Software Developer Intern

Techpot

📅 Feb 2021 – Apr 2021 📍 Remote, India

- Worked with a Freelancer/Contractor on a project named Techpot which is a curated platform for programming languages that have a huge developer support Community
- I worked on some intermediate tasks and as a data maintainer and it will be reflected directly upon the first release of the website.
- Technologies used in the work are Node.js, Next.js, and PostgreSQL

Back-end Developer Intern

Stack Finance

📅 May 2020 – July 2020 📍 Bangalore Remote, India

- Worked on building a Package for a specific feature in which other third-party APIs would be integrated
- Built Automated API Docs for the Back-end server
- Worked on building/analyzing schemas and worked on web sockets
- Worked on some research tasks with the non-tech interns like on UPI and KYC, the work was to know about the policies and then come up with an efficient user flow while fulfilling the govt. policies.

EXTRA-CURRICULAR

Sponsorship Member

TEDx ManipalUniversityJaipur

📅 Aug 2018 – Jan 2019 📍 Jaipur, Rajasthan

- Worked with the Sponsorship Team of TEDxManipalUniversityJaipur in getting the sponsors for the re-owned event of the university including the title sponsor.

Student Member

MUJ ACM Student Chapter

📅 Aug 2018 – July 2019 📍 Jaipur, Rajasthan

- I was in the Python batch in which our fellow seniors taught us to code and, we even participated in various coding competitions.

Student Member

MUJ Wings Aero-Modeling Club

📅 Aug 2018 – July 2019 📍 Jaipur, Rajasthan

- Learnt to build some Aero-Models with the guidance of our seniors.
- I participated in the Boeing Competition in the TechFest'19 organized by IIT Bombay.

Amegma Galaxy Attack

📅 July 2020 – Present

- Amegma Galaxy Attack is an inspiration of an Atari game, to just to get an experience with Python (Pygame) and to know a little about the dynamics of Game Development.
- Up till now, the project has 30+ GitHub stars and 10+ forks.
- I have converted it into an open-source project and now I have about 5-6 active contributors to it.

Resume Bot

📅 Aug 2020

- Resume Bot is a Chat bot built on Facebook Messenger in Node.js in which a user just has to go with the flow and keep answering the questions and in the end a link will be generated to access the Resume structured properly, eliminating the hassle to arrange all the info and spend comparatively more time and effort.
- The project is available on my GitHub and up till now it has been able to gather about 10 stargazers and some forks

SD Times App

📅 Sept 2020 – Oct 2020

- SD Times is a Cross platform mobile app built using some leading technologies like Flutter, Hackernews API and SQLite.
- The purpose of the app is to allow tech enthusiasts an experience of News and discussions related to news projects, tech trends, etc.

CERTIFICATIONS

Dart and Flutter

Udemy

📅 Sept 2020 - Oct 2020

AlgoExpert in Python

Algoexpert.io

📅 Aug 2020 - Present

The Modern Python 3 BootCamp

Udemy

📅 May 2020 - June 2020

Complete React Developer in 2020

Udemy

📅 Apr 2020 - May 2020

The Ultimate MySQL BootCamp

Udemy

📅 Jan 2020 - Feb 2020

The Web Developer BootCamp

Udemy

📅 Oct 2019 - Nov 2019