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# PRATEEK AGRAWAL

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## TECHNICAL SKILLS

C++	Java	SQL
Python	Javascript	
Vue	React	

## EDUCATION

### B.Tech, CS

GLA University  
CGPA- 7.2

### Intermediate

UP Board  
Percentage- 82

### High School

UP Board  
Percentage- 74

## FIND ME ONLINE

 [LinkedIn](#)   
@agrawal-prateek

 [Github](#)   
@agrawal-prateek

 [Hackerrank](#)   
@unknownbody

## ACHIEVEMENTS

- ✓ Owns a patent, Antitheft and received a fund of Rs 2.5 Lakhs from Innovation and Entrepreneurship Development Centre, India

## SUMMARY

Experienced in working on advertising technology with a large scale high user traffic consumer facing applications, with strong appetite of continuous learning and improvement, and strong knowledge in algorithms & data-structure. My day-to-day responsibilities includes:

- ✓ Write APIs, event-driven services & systems, development of applications, DB schema & procedures, making ownership of what I design & deploy
- ✓ Work on agile, client-server architecture development & standalone event driven background services
- ✓ Using strong practices like TDD, OO design, solid system design
- ✓ Taking ownership and accountability beyond individual deliveries

## EXPERIENCE

### Media.net

#### Software Developer (Mar 2020 - Present)

Working on Backend, Frontend and Database. The day to day responsibility includes creation of new features, debugging and enhancements of existing ones. worked on the following projects so far-

#### Madmax & Ad rendering

Developed a combinations of multiple systems. Developed systems:

- ✓ A even-driven backend system contains of many services like: Ad HTML builder, framework poller, ad poller, ad syncer, template stitcher and many more.
- ✓ A frontend application made on vue.js & spring-boot, contains multiple modules like template debugger, template importer, template stitcher.
- ✓ A event-driven backend system for ad-validation using image processing and selenium.
- ✓ Created manager-script, which is written in JS. It is responsible to show ads on end-user's devices. The delivered impressions goes in **millions every-day**.
- ✓ Mad-max, a bidder, which bids for ad-exchanges. Created feature for banner-bidder ads.

#### Rangers

Created a system which takes very less input, and creates **bulk-ads**. After this system, It can create thousands of ads within few minutes.

#### Taken

The whole purpose for this project is re-marketing of ads (purchase in cheap from google, yahoo and more), and use multi-click model for ads to make profit. Created feature for create audiences for adgroups, targeting groups and targetings (used to target audience for ads), adopt interface, ad-studio etc. Used Vue, Java & mysql.

#### DataTool

Created a system, where existing DB tables can be imported and make changes there. The purpose was to handle things like: Developers and BDs can assess tables without knowing password, multi-level permissions on tables, show only non-confidential columns, autogeneration logic need not to be exposed

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## Opnn [↗](#)

### Web Developer (Nov 2020 - Jan 2021)

Worked part-time in a startup, a consumer platform for room-based audio and video meetings. Worked on **React** for UI development. Created feature for video conferencing room, game integration in game room. The feature was made a universal form of iframe-based game integration.

## Cloudreach [↗](#)

### Cloud software Engineer (Jan 2019 - Mar 2020)

Worked on pre-cloud, developed following feature:

#### Cost Explorer

Developed "Cost Explorer" to be used to analyze cost, usage, and performance for AWS resources. The features includes, Inventory Explorer, budget vs actual cost, and prebuilt top reports, user-defined reports and writing complex SQL queries.

#### Hierarchy Builder

Developed "Hierarchy Builder" to manage user's cloud resources efficiently. Features includes delete, edit, creation of group and hierarchies for Hierarchy Builder, features for user assignment to the groups & spend management and Budget for cloud resources.

#### Other tasks

☒ Developed backend APIs, procs & background services

## PROJECTS (DURING GRADUATION)

### Antitheft Pro [↗](#)

A security system which is **patented** and used Python to develop

### Abacuscea [↗](#)

A website developed on Node.js for hosting events and media

### Robot [↗](#)

IoT project developed using Google APIs, Python

### Credential Generator [↗](#)

A web application developed for IIIT using PHP

### Security system controller [↗](#)

Web Application developed using Python and Flask

### Cloud drive [↗](#)

Linux software developed using Python

### Grub modifier [↗](#)

Linux software developed using Python

### Te Amo [↗](#)

A restaurant website developed as a freelancer

## LICENSES & CERTIFICATIONS

### Google Cloud Platform Fundamentals: Core Infrastructure [↗](#)

Coursera, Credential ID KV7EDLB59PMX

### Academic Credential Generator [↗](#)

Credential ID IIITM/DIR/Reco/21042018

### React - The Complete Guide(incl. React Router & Redux) [↗](#)

Udemy, Credential ID UC-OI16WE9B

### Blockchain Basics [↗](#)

Coursera, Credential ID YWD7CYA3F53E

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