# PRATEEK AGRAWAL

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## TECHNICAL SKILLS

| C++ | Java | SQL |
|-----|------|-----|

| Python | Javascript |
|--------|------------|

| Vue | React |
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## EDUCATION

**B.Tech, CS**
GLA University
CGPA- 7.2

**Intermediate**
UP Board
Percentage- 82

**High School**
UP Board
Percentage- 74

## FIND ME ONLINE

in **LinkedIn**🔗
@agrawal-prateek

 **Github**🔗
@agrawal-prateek

H **Hackerrank**🔗
@unknownbody

## ACHIEVEMENTS

☑ Owns a patent, named Antitheft and received a fund of Rs 2.5 Lakhs for prototype development 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 a strong appetite for continuous learning and improvement, and strong knowledge in algorithms & data structure. My day-to-day responsibilities include:

☑ 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)**

In media.net, I'm working on the Backend & Database. The day-to-day responsibility includes the creation of new features, debugging, and enhancements of existing ones. worked on the following projects so far-

**Madmax & Ad rendering**
Developed a combination of multiple systems. Developed systems:

☑ An event-driven backend system contains many services like STL Compiler, framework poller, ad poller, ad-syncer, template-stitcher, and many more.

☑ A frontend application made on Vue & spring-boot contains multiple modules like template debugger, template importer, template stitcher.

☑ An event-driven backend system for ad validation using image processing and selenium.

☑ Developed a system in JS, which is responsible to show ads on end-users ' devices. The delivered impressions go in millions every day.

☑ Mad-max, a bidder, which bids for ad exchanges. Created feature for banner-bidder ads.

☑ Developed features for multi-ads and demand-supply meet.

**Rangers**
Created a system that takes very little input, and creates bulk ads. After this system, It can create thousands of ads within few minutes.

**Taken**
The whole purpose of this project is to re-marketing of ads (purchase cheaply from google, yahoo, and more), and use a multi-click model for ads to make a profit. Created feature for creating audiences for ad groups, targeting groups and targeting (used to target audience for ads), adopt interface, ad-studio, etc. Used 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 the password, multi-level permissions on tables, show only non-confidential columns, autogeneration logic need not be exposed.

## 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 the 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 the following feature:

### Cost Explorer
Developed "Cost Explorer" to be used to analyze cost, usage, and performance for AWS resources. The features include 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 include 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

### Acadmic 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