PRATEEK AGRAWAL

📞 +91 7464847884 ✉ prateekagrawal89760@gmail.com 📍 Mumbai 🔗 bit.ly/prateekagrawal

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

in **LinkedIn**↗
@agrawal-prateek

Github↗
@agrawal-prateek

Ⓗ **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.

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