Prateek Agrawal

Mumbai, Maharashtra, India

✉ prateekagrawal89760@gmail.com   📞 +917464847884

in linkedin.com/in/agrawal-prateek   🔗 https://github.com/agrawal-prateek/

Summary

Experienced in backend software development with large-scale high user traffic consumer-facing systems, with a strong appetite for continuous learning and improvement, good analytical skills, and strong knowledge in algorithms & data structure.

1. Experienced in Java & Javascript.
2. Created a system that reduced overall ad-rendering time from ~2000 ms to ~400 ms for media.net
3. Experienced in web applications, writing Rest Api, event-driven services, DB schema & procedures
4. Working on agile methodologies, strong practices like Test-driven development, software design, follow design patterns, and taking ownership of what I design and deploy
5. Experienced in Object-Oriented Programming (OOP), Microservices, Linux, and, Git
6. Taking ownership and accountability beyond individual deliveries

Experience

Application Developer
Media.net
Mar 2020 - Present (1 year 5 months +)
In media.net, I'm working on the Backend & Database. Worked on the following projects so far-

Madmax
1. Developed event-driven backend system contains many services like STL Compiler, framework poller, ad poller, ad-syncer, template-stitcher, and many more.
2. An event-driven backend system for ad validation automation using image processing.
3. Developed a system in JS, which is responsible to show ads on end-user devices.
4. Developed features for multi-ads within a single banner-bidder Ad.
5. Developed feature to meet supply & demand for advertisers and publishers

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
Worked for a long time on this project. The whole purpose of this project is to re-marketing of ads, and use a multi-click model for ads to make a profit. Created feature for creating audiences for ad groups, targeting groups, and targeting, adopt, 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.

Software Engineer
Cloudreach
Jan 2019 - Mar 2020 (1 year 3 months)
Worked on pre-cloud, developed Apis and 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.

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.

Summer Intern
ABV-Indian Institute of Information Technology and Management
Apr 2018 - Jul 2018 (4 months)
Interned at IIIT-Gwalior, Worked on web development, used PHP, and created Credential Generator application for the University.

Education

GLA University
B.Tech, Computer Science
2015 - 2019

Licenses & Certifications

React - The Complete Guide(incl. React Router & Redux) - Udemy
UC-OI16WE9B

Acadmic Credential Generator - ABV-Indian Institute of Information Technology and Management
IIITM/DIR/Reco/21042018

Google Cloud Platform Fundamentals: Core Infrastructure - Coursera
KV7EDLB59PMX

Blockchain Basics - Coursera
YWD7CYA3F53E

Skills

Java • C++ • Python (Programming Language) • JavaScript • SQL • React.js • Back-End Development • Spring Boot • Data Structure & Algorithms • Maven

Honors & Awards

Antitheft - GOVERMENT OF INDIA

Owns a patent, named Antitheft and received a fund of Rs 2.5 Lakhs for prototype development from Innovation and Entrepreneurship Development Centre, India