Rohit Gupta

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EDUCATION

Manipal Institute of Technology   August 2013 – July 2017

Bachelor of Technology, Computer and Communication Engineering   *GPA: 6.47*

COURSEWORK

Data Structures, Algorithms, Object Oriented Programming, Artificial Intelligence, Data Mining

SKILLS

<u>Languages</u>: ***Java, C, C++***, ***C#***, Python, JavaScript, Kotlin, SQL, Ruby, Golang

<u>Frameworks</u>: *libGDX*, Angular, Spring, OpenTracing, Zipkin, Netflix Zuul, Hibernate, cucumber.io, GraphQL, JUnit, RestAssured

<u>Technologies/Tools</u>: ***Unity, Blender***, ***Android***, Kubernetes, Splunk, Grafana, Prometheus, NGINX, Consul, Jenkins, ZooKeeper

* Primarily used for game development

WORK EXPERIENCE

The Blackstone Group, Wipro COE

Consultant   **August 2020 – Present**

Development and migration of legacy and current infrastructure to Amazon Web Services

BlackRock

Analyst   August 2017 – December 2019

Associate   **January 2020 – July 2020**

Part of Aladdin Product Groups' API Engineering Team, responsible for creating an open, scalable platform for APIs which seamlessly connect BlackRock's client and vendor partners with data, workflow and analytic capabilities of Aladdin Platform.

- **Developer and owner of the API Infrastructure consisting of the following:**
  <u>API Gateway</u>: In house API Gateway built in Java, utilizing libraries from *Spring Cloud and Netflix Zuul*. Uses *Consul* as a service registry. The gateway is a resilient dynamic load balancer, supports authentication, authorization, throttling, request validation and other features required for an API Gateway. <u>Integrated the whole infrastructure/service mesh</u> using *OpenTracing* for request monitoring and *Splunk* for API metrics.
  <u>Developer Portal</u>: A repository that contains documentation for all APIs within BlackRock, front-end created using Angular and back-end developed in Java. The portal converts *JSON/YAML Swagger/OpenAPI specifications* to fully readable and browsable web pages that provide a feature to try-out the APIs.

  An <u>API Specification Generator</u> to convert old legacy code to APIs and a <u>validator</u> which checks against Swagger/OpenAPI and Aladdin rules. <u>Implemented a *CI/CD pipeline*</u> for the components above *that runs on Jenkins* and has a *BDD based regression test suite* running in 120+ production environments.

BlackRock

Analyst Intern   January 2017 – July 2017

- Developed a library to cater for resource/time intensive requests using Spring Batch
- Developed an application leveraging GraphQL that orchestrates data from services

Netlink Software

Software Developer Intern   June 2016 – July 2016

- Designed and implemented cyber security library for Java applications

GAMES

Slide Image Puzzle - Block sliding puzzle. Developed for **Android** using **Java** and **libGDX**

Cruisar - An infinite runner where the player has to control a spaceship. Developed for **Android** using **Unity** and **C#**

Blue or Red? - A game where the player has to control two cars. Developed for **Android** using **Java** and **libGDX**

Light It Up! - Player has to join blocks to connect the circuit. Developed for **Android** using **Java** and **libGDX**

PROJECTS

Prediction of Box-Office performance using historical data - The application predicts success of a movie by using a highly accurate ID3 decision model

Personalized Micro Content Feeder - An Android application that provides customized information feed in the notification drawer using RSS feeds

Aladdin App Engine - An application that connects Aladdin clients by providing PaaS

CERTIFICATIONS

Android Application Development, NIIT 2016

VOLUNTEER WORK

Doctors Without Borders
BlackRock Gives