ASHUTOSH GUPTA

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Education

Master of Computer Applications — *Lucknow*
Institute of Engineering and Technology (IET), *Scored: 79.9 %* — *Aug 2018- July 2021*

Bachelor of Computer Applications — *Kanpur*
Dr. Virendra Swarup Institute of Computer Studies, *Scored: 62.31 %* — *Aug 2015- July 2018*

Intermediate – ISC Board — *Kanpur*
Guru Har Rai Academy, Scored: *71.25 %* — *Aug 2014- July 2015*

High School – ICSE Board — *Kanpur*
Guru Har Rai Academy, Scored: *72.8 %* — *Aug 2012- July 2013*

Experience

Software Engineer (Python Developer) — *Noida*
Ingenuity Gaming Pvt. Ltd. — *November 2022 – Present*
- Developed several slot game engines for clients.
- Performed volume testing and unit test on the developed game engines.
- Performed code optimization using SonarQube.
- Technologies used: Python, Rest API, Pandas, Docker, Linux, Azure, AWS, PostgreSQL, SonarQube.

Software Engineer (Python Developer) — *Noida*
EZOPS Inc — *February 2021 – September 2022*
- Worked on the Reconciliation tool to create configs, and created bots for several tasks.
- Created Scripts to fetch data from the Databases, Client Sentry Server using Soap API and from web applications using Selenium.
- Created Scripts to manipulate data and transform it, so that it can be consumed by application easily.
- Created Scripts to Automate Reconciliation tool using Selenium and Network Activity Calls.
- Technologies used: Python, Pandas, Rest API, Pyodbc, cx_Oracle, Selenium, Soap API, Docker, Linux, Azure, AWS

Associate Intern (Python Developer) — *Noida*
EZOPS Inc — *September 2020 - January 2021*

Projects

Game Engine for RGS | Python, PostgreSQL, Rest API, SonarQube, Unit Test, Volume Test
- Developed game engines based on the client math file which includes various strategies, features and some complex calculations that are used to enhance user experience.
- Developed the optimized and clean code with the help of SonarQube.
- Tested the game engine against various test cases and also performed volume testing to ensure the code performance on higher simulations.
  Clients: AvatarUX, Light & Wonder, Rogue, Reel Play

ARO Pypeline | Python, MS SQL, Rest API, Soap API, Pandas, Oracle DB
- Build no-code tool for data transformation, allowing users to quickly clean and transform their data. This includes features such as column renaming, filtering, sorting, joining tables together, splitting columns into multiple rows or vice versa. It also supports advanced transformations like pivoting/unpivoting of tables and complex calculations on the fly.
- The tool allows user to set custom rules that can be applied across different datasets in order to ensure accuracy and completeness of information before it is used downstream in analytics or reporting processes.
- The tool can acquire data from various data sources from brokers, custodians, trustees etc., consolidate it into one single dataset for seamless reporting & analytics purposes while reducing the time required for integration tasks significantly due to its automated workflow orchestration & scheduling capabilities.
- The tool helps user to automate entire ETL process.
  Clients: Wells Fargo, Alter Domus, BNY Mellon, SSG, SEI, Infusion

Skills

- **Languages and Scripting:** Python, ReactJS
- **Databases:** PostgreSQL, MSSQL, Oracle Database, MongoDB
- **Frameworks:** Django, Flask, FastAPI
- **Tools and Technologies:** Docker, Linux, Azure, AWS, Rest API, Pandas, SonarQube, Selenium, Bitbucket, Jira, GitLab
- **Other Skills:** Data Structures, Algorithms, Competitive Programming

Achievements and Certifications

- CodeChef – Highest Rating 1758 (ashuddeveloper)
- Certified as Microsoft Technology Associate: Database Fundamentals

Leadership and Experience

- Volunteer at Josh Talks
- Academic head at Parmarth Social Club.
- Take monthly classes of second year and first year students on Data Structures, Algorithms and Problem Solving. Share tricks and motivate them to do better.

Interests

- Solving problems, Learning new Data Structures and Algorithms, Competitive Programming.
- Others: Blogging, solving Sudoku.