Basar Sohail Chowdhury

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Summary

Software development engineer with 5 years of experience in developing backend APIs, automation framework , analytical tools for debugging and logging parsing. Experience in gaming, social network and data backup & storage domain.

Experience

Druva, Pune — *Software Engineer*   29-Jan-2017 to 10-Aug-2018
Data backup and storage

– Developing/Testing APIs for parsing backup data and perform compliance analysis based on keywords.

– Developing/testing cloudapps (Exchange mail/GDrive/Box) backup and restore. Creating automation tests for e2e testing of cloudapps.

– Local environment deployment and setup for testing. Created pipeline and CI for test execution.

GSLabs, Pune — *Software Engineer*   29-July-2015 to 20-Jan-2017
Education and social media (https://www.edmodo.com/)

– Database integration testing using python sqlalchemy and unittest

– Developing selenium UI test framework from scratch with docker, AWS integration and cucumber for BDD

– Automated parsing of log file and creating HTML reports which where saved on AWS

– Performance analysis of bulk user creation parsing excel data provided by schools

Ubisoft, Pune— *Test Engineer*   27-July-2013 to 27-July-2015
Gaming and Entertainment

– Testing and debugging API for in–game purchases (API testing)

– Network testing and collection log for multiplayer games (Network testing)

– Frontend automation using selenium and Java (Web UI testing)

Education

Bioinformatics — *M.S.*
Northeastern University, 2020

Information Technology — *Bachelor Of Engineering*
University of Pune, 2013

Personal & academic projects :

– Space simulator in OpenGL and glfw (Game Development / C++)

– Omics (DNA/RNA/Proteins) data sequencing and analysis using BioPython

SKILLS

API designing for backend services, Test automation, Design patterns, DevOps, Networking

AWARDS

(Druva) RegEx optimization for parsing html reports, *reducing test execution from 4 hrs to 15 mins*

(GSLabs) Created automation framework for daily release with threshold of 20 mins (implemented custom scheduler for distributed execution)

Languages, Tools and Frameworks
- Python (Primary) and Java
- C#, Ruby, R
- SQL (basic)
- Flask
- Docker, Jenkins, AWS
- Selenium, Cucumber
- TestNG, JUnit, Pytest Robotframework
- RStudio
- Unix/Linux environment (Primary) and windows