Apurva Khatri

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Visa Status: F1 – OPT

EDUCATION

Northeastern University, Boston, Massachusetts | September 2022
Master of Science in Computer Science | Expected June 2024
Related courses: Object-Oriented Programming, Algorithms, Database Management | GPA: 3.58/4.0

Vellore Institute of Technology, Vellore, India | June 2020
B.Tech in technology in Computer Science & Engineering, GPA: 8.46/10.0

TECHNICAL SKILLS

Languages	Java · Python · C++ · C# · SQL · Shell Scripting
Databases	MYSQL · PostgreSQL · MongoDB
Technologies	RESTFul APIs · Git · Linux · Android Studio · HTML · CSS · Trusted TPM · TCG
DevOps	Docker · Jenkins · JFrog Artifactory · Elasticsearch · Logstash · Kibana · AWS ECS

WORK EXPERIENCE

Bayer, Co-op Software Engineer | June 2023 – November 2023
- Built Python package for streamlined continuous integration across multiple injectors, minimizing redundancy & enhancing team efficiency.
- Developed C++ system service for TPM 2.0 chip integration, bolstering security in diverse infusion systems.

ICICI Lombard, Software Developer | January 2020 - August 2022
- Revamped technology infrastructure of 20+ microservices to **AWS**, increasing availability by 12.5% & cutting deployment time from 3 hours to 20 minutes
- **Led a team of 10 support engineers** in building & designing Kibana dashboards to freed up software engineering team's bandwidth to focus on feature development & bug fixes.
- Achieved centralized logging using ELK stack, elevating application performance & infrastructure monitoring.
- Developed solution capable to process real-time logs supporting daily intake of **5-6 GB of data.**
- Automated log management & production bug fixing, increasing application uptime.

YellowAnt, Software Engineering Intern | May 2018 - June 2018
- Integrated **RESTFul APIs** of Office 365, SurveyMonkey & Grafana for YellowAnt chatbot. Further, deployed the application to Heroku & open-sourced to GitHub.
- Spearheaded technical workshops & authored articles with a broad readership of **60 thousand views.**

OPEN-SOURCE CONTRIBUTION

Bloomberg/memray
- **Published** C++ & Python code coverage report for each CI enabling it to be reached from the PR. Increase Code coverage by **+6.48%.** Issue numbers: #351 #354
- **Added support** for memray to report its own version. Issue number: #417

Pypa/readme_renderer
- **Migrated** package metadata to PEP 621 pyproject.toml. Issue number: #284

PROJECTS

Stocks Trading Application
- Built a stock trading **Java MVC** application using **object-oriented programming**.
- Performed **unit testing** of components & isolated testing of controller.

Gated Community Application
- Charted backend model of gated community application; Data retrieval and handling, Conceptual and Logical design, Complex **SQL** functions and procedures.