

EDUCATION

BS in Computer Science 09/2015 – 05/2019
Rutgers University

WORK EXPERIENCE

Full Stack Software Developer 09/2018 – present
DataNext Solutions, Chicago, IL

- Developed Software in Java, Python, Node.JS, and HTML // CSS
- Deployed and Optimized code using AWS Lambda / ElasticCache
- Maintained application security using MuleSoft and OES
- Maintained and shared code environment and versioning using Git

Freelance Software Developer 01/2017 – present
Upwork, Mountain View, CA

- Developed code in various languages to build projects for clients
- Provided well written and clean code, easily manageable by other freelancers
- Implemented third party APIs to collaborate and deliver projects under harsh deadlines

Cloud Automation Engineer 06/2018 – 08/2018
Northern Trust, Chicago, IL

- Server Security / Automation and Unix Administration
- Managed 8000+ servers (RHEL5+, Solaris, AIX)
- Converted CFEngine to Ansible ~ Ansible / Docker Playbook scripting
- Used JavaScript to write VMware VRealize software

Islamic Institute, VP and Teacher 09/2014 – 05/2018
MCMC, Piscataway, NJ

- Taught Theology and Arabic to students in 7th – 10th grade.
- Acting Vice Principle of school and supervised other school affairs and teachers.
- Planned and Chaperoned 4 school field trips.

Computer Science / Math tutor 09/2016 – 05/2018
Rutgers University, Piscataway, NJ

- Tutored students in basic computer science concepts, data structures, and upper level math courses.

PROJECTS

Redoop (Java // Hadoop)

- Reddit analyzer that takes a photo, and based on number of upvotes, downvotes, reposts, and comments, defines how significant a post is
- Made using Java Map Reduce / Hadoop

Book Store Web App (Flask // SQL // JS)

- Bookstore Web Application like Expedia ~ website grabbed books from various websites for easy comparison of books and prices from different Sources.
- Made with Python Flask, BeautifulSoup, and SQL

RuneScape Game Bot Engine (Java)

- Game development to allow users to automate in game tasks using Java and third-party APIs ~ Accelerated in game player development by 30%

Cache Simulator (Unix Utility/C)

- Cache Simulator that accessed main memory and cached memory to gather statistics of cache hit/miss functionality to see how cache interacted with memory using C

Android Chess Game (Java)

- Implemented two player chess on Android platform

TECHNICAL SKILLS

Java, Python, YAML,
Ansible
C/ C#/ C++/ HTML/ CSS /
JS
Linux / Unix
Hadoop, Git, AWS,
Selenium, Docker, SQL



SKILLS

Languages

English
Urdu
Arabic

Native
Native
Limited