Tushar Chawla

Contact

#B25, 3516 Spring Garden Street
Philadelphia, PA 19104

- ☎ +1 (267) 240-7109
- ✉ chawla.tushar5@gmail.com
- ⌨ github.com/chawlatushar5
- 🔗 linkedin.com/in/chawlatushar5
- 🐦 twitter.com/chawlatushar5
- ☁ chawlatushar5.github.io

Skills

Programming Languages

Python, Java, C#, C++, Javascript, SQL, Ansible, Bash, HTML, CSS, jQuery,

Libraries

Node.js, Express.js, React, React Native, Angular2, Ionic, Bootstrap, Django, Redis

Technologies

MongoDB, MySQL, AWS, Firebase, Postman, Git, Perforce, Visual Studio, Android Studio

Languages

English, Hindi, Punjabi

Education

Drexel University | Philadelphia, PA

2015 - 2019
BS in Computer Science
Cum. GPA: 3.79

Specialization

Artificial Intelligence
Data Structures

Achievements

Drexel University

Dean's List: Fall 2015 - 2019
AJ Drexel Scholarship: Fall 2015 - 2019

Interests

Technology

Blockchain, Machine Learning, IoT (Internet of Things)

Other

Chess, Table tennis, Squash, Badminton, Rock climbing, Volleyball

Work Experience

Dell Boomi | Chesterbrook, PA

Software Developer   August 2019 - Present

- Working on analyzing the logs for customer's processes based on customer usage and migrating them from Elastic Search (ES) to S3 in order to decrease the load on ES
- Automated the pipeline creation to analyze, build and test the newly created microservices using Jenkins and Spinnaker, to reduce the deployment time to negligible
- Worked on a microservice and its migration to AWS infrastructure as a step into breaking the monolith to reduce the load on platform

Susquehanna International Group LLP | Bala Cynwyd, PA

Software Developer   April - September (2018,19)

- Developed a highly customizable email monitoring system that allows developers to receive pages generated from added triggers; making response time instantaneous
- Designed and implemented a real-time trade statistic view; empowering traders to better analyze profit and loss by providing accuracy and saving thousands of man hours
- Developed the internal CRM (Content Resource Manager) for derivative pricing allowing traders to configure pricing schemes to leverage new information into making profits for the company
- Created a web application to visualize data flow for calculation of the expected prices of equities; thus providing transparency into the system to spot potential errors and preventing millions worth of potential losses

Drexel University | Philadelphia, PA

Software Developer   January 2016 - June 2019

- Released an android application based on published research by Gabriela Marcu that gamifies the process of medication intake using smart reminder notifications and leaderboard points
- Architected, Developed and Tested iCommons's work and time tracking application's mobile, backend, and QR code system to increase accountability for current employees
- Created an online class interaction tool to streamline sign-ins and increase online participation in classes, seminars and conferences

Projects and Awards

iFamily Alexa App   Philly Codefest 2017 | Two Sponsor Awards
An Alexa app to keep in touch with your family by getting updates from their social media accounts, google calendar and phone's location

Busbuddy   Philly Codefest 2016 | Top 10
Real-time tracking of Drexel shuttles with an alert system to notify users when they must leave from their current location to catch the bus

FlickDeals   Drexel | Senior Design Project
Led a team of five to design and implement a mobile application for both Android and iOS that connects local businesses with users to explore promotional offers around the area