Amitoz Deol

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Seeking an developer position in IT sector.
My Portfolio – https://amitozdeol.github.io/

EDUCATION

Dutchess Community College, NY —

Associates in Computer Science(GPA: 3.49)

August 2013 - May 2015

- Dean's List: 3 semesters

SUNY New Paltz, New paltz, NY -

Bachelor's in Computer Science(GPA: 3.53)

August 2012 - May 2017

- Minor in Mathematics
- Dean's list: 4 Semesters
- Project:
    - **Cluster computing** - Using 4 **Raspberry pi's** to make a cluster computing to pipe them as a single system and share resources to increase performance.
    - **FM tuner** - Created an FM tuner app to scan and listen to local radio stations for android OS in my Software Engineering class.

EXPERIENCE

EAW Electronic Systems, Poughkeepsie, NY — *Web and Mobile App developer*

March 2017 - Present

- Worked on a Building Automation Devices for remote central heating, hot water and pressure control for schools and apartment buildings.
- Design and implement database schemas, web applications, micro services, and client-side web pages.
- Build interactive web interfaces using client-side JavaScript libraries such as **JQuery, Vue, and React**. Created customizable charts for each building using D3js library.
- Use **Android Studio and Xcode** for developing and maintaining the android and ios app for the product.

SKILLS

- Coding experience with languages like Java, Python, C++ and C#
- Have knowledge of Android/IOS development.
- Have worked with databases(**MySQL**, **SQLite**) and industrial tools such as **Git** and **AWS**
- Have experience with web frameworks like **React, Vue, Laravel.**
- Experience in working with **Wordpress** for my side project – http://www.sparks-mag.com/ http://jonsvillagetaxi.com/ https://artisttaxi.com/

LANGUAGES And FRAMEWORKS

JAVA, Spring, Hibernate, C++, Python, PHP, Javascript, SQL, Swift, NodeJS, npm, Laravel, React, Vue.

(HTML5 and CSS3) - Even though these 2 are not technically Programming Language :D

ACHIEVEMENTS

- Multiple accepted pull requests on github. Active in open source community.
- Tutor for mathematics as part-time job in Dutchess Community College
- Resources note taker - Document course notes for disabled students in SUNY New Paltz
- Won several prizes in maths(Integration bee)

- Using **Laravel** as PHP framework for the backend of web-app/dashboard.
- GitLab for Version Control

ENVIRONMENT -

React, Vue, Javascript, Jquery, MySQL, Laravel, D3JS, JAVA, Swift, Git and AWS Server

Cornerstone services, New Paltz NY — *Intern for backend web developer*

August 2016 - December 2016

- Development of overall programming(Back-end using PHP) structure as well as refining functionality of Project Management Dashboard website and utilities.
- Used server-side technology with javascript fetch API for populating the table in the website.
- Performed QA testing and analysis.
- Created a blog like online editor for users on the website.
- Created **Data quality report** software which analyze an spreadsheet and provide all the changes and improvement that being done.

ENVIRONMENT -

PHP, Javascript, Jquery, HTML5, CSS3, MySQL, XAMPP, ChartJS, Github

CyberAge Solutions, Jersey City, NJ — *Java Developer*

May 2015 - August 2016

- Worked with Senior developers on implementing an API based Rules Engine project.
- Worked on reading the Flat file that was used to store the rules.
- Worked on storing the tracking information SQL database using JPA's.
- Wrote controllers for accessing service layer methods.
- Loaded rules files based on the api-Key provided via controller and returning appropriate response.
- Wrote a simple java program that runs on scheduler to generate reports based on the tracking data.
- Wrote technical documentation for my code, also participated in client requirement calls.

ENVIRONMENT -

JAVA 7, Spring, Hibernate, JavaScript, JQuery, HTML5, CSS, SQL

competition in SUNY New Paltz in year 2014 and 2015.

CourseWork

- Object Oriented Prog.
- Assembly Lang and Comp. Arch
- Data Structure using JAVA
- Embedded Linux
- Language Processing and compiler construction
- Digital Logics and computing
- Discrete Maths
- Operating System
- Discrete Algorithms