Amitoz Deol

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

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EDUCATION

Dutchess Community College, NY —

Associates in Computer Science(GPA: 3.49)

August 2013 - May 2015

- Dean's List: Three 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: Four Semesters
- Projects:
  - Used 4 **Raspberry pi's** to make a cluster computing so that they can be viewed as a single system and share resources to increase performance.
  - 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

- Working on a Building Automation Devices for remote central heating control. Developed a dashboard to customize and manage the heat, hot water, pressure, and humidity of the entire building.
- Use of **Android Studio and Xcode** for developing and maintaining the android and ios app for the product.
- Using **Laravel** as PHP framework for the backend and **composer** for package manager.
- Front end tools include **Bootstrap 3**, **Javascript** and **Jquery**. Custom charts are made using **D3JS** library. Using **NPM** and **Webpack** for package management and bundling.

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 **Laravel** and **React**
- Advanced knowledge of Microsoft Word, Excel and Publisher, including usage of macros.
- Knowledge of CSS precompiler **SASS.**
- Experience with Adobe suits, for ex. **Photoshop and Illustrator.**
- Experience in working with **Wordpress** for my side project – http://www.sparks-mag.com/ , https://artisttaxi.com/ and http://jonsvillagetaxi.com/

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

LANGUAGES And FRAMEWORKS

JAVA, Spring, Hibernate, C++, Python,

- **Git** and **GitLab** for Version Control.

ENVIRONMENT -

Laravel, Javascript, Jquery, Bootstrap, MySQL, D3JS, C3JS, 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 modules and utilities.
- Used server-side technology(Datatable Jquery module) for populating the table in the website.
- Maintaining SQL database objects and perform database capacity planning, data modeling, data loads, troubleshooting, database backup and restore.
- Developed Dashboard's main page that displays useful information which is an overview of the entire company, broken down into small and clean sections.
- Practice disciplined software engineering (e.g. - code review, automated testing, architecture)
- Side project - Created an HTML page to automatically merge multiple excel files to generate custom reports, using PHPExcel library.

ENVIRONMENT -

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

PHP, Javascript, SQL, Swift, NodeJS, npm, Laravel, React.

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

Experience and Academic Achievements

- 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) competition in SUNY New Paltz in year 2014 and 2015.