Nikhil Nair

nikhil.nair48@gmail.com \* 516-698-5994 \* https://nikhilnair48.github.io \* github.com/Nikhilnair48

# EDUCATION

**Stony Brook University** [Fall 2013 - Spring 2015]

* Bachelor of Science; Major: Computer Science. GPA: 3.19

**Nassau Community College** [Fall 2011 - Spring 2013]

* Associate of Science; Major: Computer Science. GPA: 3.79

# EXPERIENCE

**NYC Human Resource Administration (NYC HRA), Software Developer (Consultant) [**April 2017 - Jan 2018]

* Part of the team at HRA that re-engineered a legacy PowerBuilder application in VB.NET (along with front-end technologies Razor/HTML/CSS/JS & Oracle for backend)
* Improved performance by over 50% in the new application, using asynchronous communication
* Implemented responsive design on the web application using Bootstrap
* Recommended & presented proof of concepts of VCS systems including Git & Team Foundation Server (TFS) for database developers, eventually settling on TFS

**SVAM International, Developer** [Jan 2017 - April 2017]

* Collaborated with the project manager in defining a use case for Amazon Web Services and presented a completed Alexa Skill to key individuals at SVAM Int’l, healthcare industry & a government organization
* Built an Alexa Skill, deployed the our function in Lambda, & used Relational Database Service for persistence layer (configured a Virtual Private Cloud for the database)
* Implemented a pseudo-2 factor authentication using Simple Email Service & Twilio REST API
* Developed and deployed a REST API to perform CRUD operations on the persisted data (in RDS) from a user interface

**Deutsche Bank, Java EE Developer (Consultant)** [Aug 2016 - Nov 2017]

* Developed a middle tier application at Deutsche Bank to improve transaction verification for Salesforce users
* Built the the application using Java EE, incorporating a Java Messaging Service queue. Posted response from the queue to an external REST API
* Used Maven as a build tool, and deployed the Java EE application to an IBM Websphere application server
* Took an agile approach in collaborating with the VP of IT, project manager & business analyst to complete the application development, testing and release within twelve weeks

**SVAM International, Associate Developer [**Sep 2015 - Aug 2016]

* Assisted in the development of a hybrid application, initially targeting Android. Contributed to the responsive user interface & developed SOAP services to handle interactions on the interface
* Extended & improved functionalities of testing libraries in Selenium to improve automation testing of internal web projects
* Conversed with the managing director to understand, build & present a prototype of the company website using pure web technologies (HTML/CSS/JS), Bootstrap & JQuery framework

**Safari Marketing, Associate Developer Intern [**June 2014 - Aug 2014]

* Developed responsive websites for non-profit organizations hosted using an all-in-one tool, Adobe Business Catalyst
* Assisted in composing proposals, translating to two new projects and communicated with clients to ensure completion of tasks in a timely manner

# PROJECTS

**Chess [Personal Project], Zombie Crush Saga — Java**

* Designed & developed the classic game of Chess from scratch in Java 8 & a custom version of the popular Candy Crush game in Java 7
* Gained experience completing moderate scale projects (over 4,000 lines of code each) & working with multithreading frameworks

**DatingPlusPlus — Java EE 7**

* Won first place among 20+ groups for CSE 305 Database Project Competition, Fall 2014
* Built a responsive dating website with both user and administrator login capabilities

# LANGUAGES/TECHNOLOGIES

* Proficient: Java/Java EE, Web technologies (HTML/CSS/Javascript) & frameworks (Bootstrap, JQuery), [VB.NET](http://vb.net), Git & Team Foundation Server
* Knowledgable: Web service architecture (REST, SOAP), Database (MySQL, Oracle 12c), Application & Web Servers (Tomcat, Glassfish) Amazon Web Servies (Lambda, Alexa & RDS), Python

# other skills/ activities

* Multilingual: Proficient in English, Malayalam & Hindi
* Completed Python for Everybody, Coursera
* Stony Brook Computing Society, Fall 2013 - Spring 2015
* Treasurer, Association of Computer Machinery, Spring 2012 - Spring 2013
* Senator Kemp Hannon Leadership Award, June 2011