

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
- Converses 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, Git & Team Foundation Server
- Knowledgeable: Web service architecture (REST, SOAP), Database (MySQL, Oracle 12c), Application & Web Servers (Tomcat, Glassfish) Amazon Web Services (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