# VINUTHA KARANTH

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## Education

**Syracuse University**
M.S. Computer Science 2019
GPA: 3.7/4

**Visvesvaraya Technological University**
B.E. Computer Science 2012

## Skills

**PROGRAMMING LANGUAGES:** Java/J2EE, Python, UNIX, JavaScript, C++, C, SQL, jQuery, Solidity, Xpath
**TECHNOLOGIES/TOOLS:** Spring Core & Spring MVC, Apache Tomcat, Android Studio, AngularJS, Eclipse, HTML/CSS, XML, Java Server Pages, servlets, Oracle 11g, REST Web Service, MySQL, JDBC, TIBCO BW, GitHub, Eclipse, JSON, node.js, Jira, Google Dialogflow, TCP/IP, SocketProgramming, Postman, Spring MVC, Blockchain
**OPERATING SYSTEM:** Microsoft Windows, Linux, Android, MS-DOS

## Employment

### SYRACUSE UNIVERSITY
**Research Assistant**

Syracuse, NY
**June 2018 to Current**

• Researching on Blockchain and Ethereum white papers
• Designing and developing smart contracts on various business scenarios - Financial derivatives, Games (Cyrptokitty), FryEgg, Escrow, etc.
• Writing Smart contracts in solidity, truffle framework and deploying on private Blockchain

### TATA CONSULTANCY SERVICES
**Software Developer**

Bangalore
**Nov. 2014 to Dec. 2016**

• Implemented and integrated an intricate end to end Security Request Management module using Core Java, TIBCO BW, Admin, JMS, JavaScript, Oracle, and UNIX platform
• Implemented business requirements using Multi-thread programming, REST APIs, OOP concepts
• Managed SRM module of the project in Agile environment and conducted training on Java and TIBCO BW for Juniors
• Performed a process improvement of 15% by developing a code to process a large XML file based on tag name using Java and Oracle

**Assistant Systems Engineer**

Bangalore
**Nov. 2013 to Nov. 2014**

• Worked in all phases of software development lifecycle (SDLC) and Led the Trade Finance module
• Developed a code to clear the database records and file backups and increased performance of Trade flow by 32%
• Used IBM WebSphere to monitor MQ messages and used TortoiseSVN for source code management

**Assistant Systems Engineer Trainee**

Bangalore
**Nov. 2012 to Nov. 2013**

• Developed a system called "Multi-Bank User Management" to manage various bank accounts using Java, HTML, CSS, Node.js, JSP, JavaScript
• Optimized code, tested project, used Bugzilla to log defects and fixed bugs in the code
• Analyzed technical requirement and created test cases and test plans and Identified defects maintained jira in SIT phase

## Projects

### WEPRO A FULL-FLEDGED WEBSITE FOR PUBLISHING PROJECTS - JAVA & ANGULAR JS
Jan. 2018 to May 2018

• Created a full-fledged website where users can publish projects, apply for projects, take assessments, etc.
• Developed using Spring boot as framework, Java, Angular JS, MySQL as Database, version control using git
• Rest APIs - Rest controller was built to take parameters and values are received dynamically for each service call

### SOCIAL MEDIA APP - ANDROID PROJECT - JAVA
Aug. 2017 to Dec. 2017

• Implemented an Android project - Social Media App for Foodies. Food lovers can connect, post recipes and follow
• Developed using Android Studio, Java and Firebase as database

### GRAPHICAL PASSWORD AUTHENTICATION USING PASS-GO - JAVA
Feb. 2012 to May 2012

• Implemented new authentication method (Grid-based Password using points and lines) for any application using Java Swings, Java AWT, HTML, CSS, JavaScript, JCreater
• JDBC and Microsoft Access were used as database

### EXPLORE PLACE - RESTFUL SPRING BOOT MICROSERVICE WITH JPA
May 2018 to July 2018

• A Java Maven Project with Rest APIs to explore a place application
• Implemented using Java, SpringBoot as the framework, Spring Data JPA, Spring Data REST, Spring MVC Web RestControllers