

VISHAL KUDALE

729 South Beech, Syracuse, NY 13210 | +1 (315) 849-8762 | vishal.kudale1692@gmail.com
github.com/vishalkudale92 | linkedin.com/in/vishal-kudale

EDUCATION

Master of Science in Computer Science, GPA: 3.85/4

Dec 2018

Syracuse University, Syracuse, New York

Coursework: Design and Analysis of Algorithms, Principles of Operating Systems, Object Oriented Programming C++, Internet Programming, Machine Learning, Social Media and Data Mining, Android Programming

Bachelor of Engineering in Computer Engineering, GPA: 3.7/4

May 2014

University of Pune, Maharashtra, India

TECHNICAL SKILLS

Languages: Java, Python, C++, C, JavaScript, Spring Boot, Solidity, HTML, CSS

Tools: Eclipse, Microsoft Visual Studio, Android Studio, Git

Databases: MySQL, Oracle, Google Firebase

WORK EXPERIENCE

Graduate Research Assistant, Syracuse University

Apr 2018 - Present

- Designed and developed Dapp using Truffle framework and Ganache as a private Ethereum blockchain
- Created our own private blockchain network on University server and deployed 'chaingrader' smart contract written in solidity language on blockchain using ABI and bytecode of smart contract
- Assisted to execute blockchain mining lab to attendees of SEED workshop 2018 organized by Syracuse University

Technologies Used: Blockchain, Ethereum, Solidity

Graduate Teaching Assistant, Syracuse University

Aug 2017 - Dec 2017

- Assessed and evaluated homework, labs and projects for Principles of Operating Systems course
- Held lab and help sessions to resolve queries related to labs and projects based on JNachos

Technologies Used: JNachos, Java

Software Engineer, Capgemini (formerly iGATE Global Solutions Ltd.), India

Jul 2014 - Dec 2016

- Delivered required changes in the existing code of Oracle 'Point of Sale'(POS) application for client to facilitate functionalities like factory ship, Perfect Customer Data(PCD)
- Developed a Java application to collect critical system information from POS client machines using multi-threading to automate manual process, which reduced time required to process each request by 20-30%
- Interacted with clients for requirement gathering, design approvals using agile/scrum methodology
- Contributed to bug resolution by actively participating in investigation and root cause analysis

Technologies Used: Core Java, Tour Framework

ACADEMIC PROJECTS

WePro

Jan 2018 - May 2018

- Designed full-fledged freelancing website using MVC architecture and took total responsibility of Assessment module
- Implemented a functionality using AngularJS where user can create an assessment of as many questions as possible
- Designed and developed a backend in Spring Boot using REST APIs to submit created assessments and get results of assessments from MySQL database

Technologies Used: Java, Spring Boot, REST, MySQL, AngularJS

Time based analysis of Tweet sentiment

Jan 2018 - May 2018

- Developed a Python application which performs sentiment analysis using Naïve Bayes Classifier on tweets retrieved from twitter database based on user input hashtag value
- Designed GUI using Bokeh library to get user input and to present time-series graph and charts as results
- Extracted tweets and relevant data from tweet JSON objects obtained using Tweepy library and performed preprocessing, feature vector creation and extraction operations on tweet before passing it to classification
- Used NLTK library to get training data and train the model on training data to develop Naïve Bayes Classifier

Technologies Used: Python, Bokeh, NLTK

HuntHouse

Aug 2017 - Dec 2017

- Designed and developed an android application which simplifies the process of renting/purchasing a room/apartment
- Implemented android specific features like fragment, recycler-view, view-pager and used google firebase as database

Technologies Used: Java, Android, Google firebase

ACHIEVEMENTS

- Honored with 'IEVOLVE Kaizen Certificate' for development of an application in Java as a value innovative idea contribution to the project while working at Capgemini