

# DHEERAJ MANCHUKONDA

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## PROFILE

Student in Software Engineering with experience and extensive education in software design and application development. Fluent in English with excellent communication and interpersonal skills. A fast learner with strong time management and multi-tasking skills. Strong work ethic in team or individual settings to drive product success and process efficiency. Strong troubleshooting and problem solving skills with an analytical mindset.

## SKILLS

OS: **Microsoft Windows** | Programming Languages: **C#, ASP .Net, JAVA, CC++, JavaScript, Python** | Software: **Microsoft Office** | Tools: **WPF, Android Studio, JIRA, Windows Forms, Amazon Web Services, JSON RESTful API, Bitbucket, SourceTree** | Technology: **HTML, XAML, CSS, Bootstrap, JSP, Angular JS** | Database: **Oracle 10g, SQLite, MySQL, MongoDB** | Methodologies: **Agile, SCRUM, MVC, MVVM**

## CORE COMPETENCIES

- Hands on experience in writing C Sharp, .net and Java programs with OOAD.
- Familiar with creating Databases and writing SQL queries.
- Proficient in developing web, desktop and mobile applications using MVC and MVVM architecture.
- Self-motivated, proactive and ability to pick up new concepts quickly and an excellent team player.

## PROFESSIONAL EXPERIENCE

**Software Engineer Intern** | *Dover Fueling Solutions* | Austin, TX  
**May'2018 – Present**

- Participated in software development life cycle and full stack development team – Including: design, development, testing, planning, backlog grooming, automation, and support
- Designed, reviewed and built efficient, reusable, and reliable application code using technologies like C Sharp, .Net, XAML and JavaScript

**Teaching Assistant** | *University at Albany, Suny* | Albany, NY  
**Jan'2017 – June'2017**

- Teaching Assistant for CSI-403 senior, undergraduate-level – Algorithms and Data Structures.
- Aided in developing course content for “Algorithms and Data Structures”.
- Provided weekly office hours for individual instruction and guidance through tutoring and mentoring.

**Software Intern** | *Uniq Technologies* | Chennai, India  
**Dec'2015 – June'2016**

- Designed J2EE applications using the technologies like Angular JS, Bootstrap, HTML and CSS on the front end and Java on the back end.
- Worked on writing JUnit tests and assisted team in testing their API.

## PROJECTS

### **EMV Fastpath | Austin, TX**

***June'2018 – Present***

- This real-time project is aimed at developing payment module which supports EMV cards along with EPP cards. It is used in the fuel dispensers for payment.
- Developed application for this project which acts like a POS Simulator which sends messages to payment terminal and vice versa.
- The development of this system is based on XAML as frontend and C sharp, .Net framework as backend with point to point encrypted.

### **Online Ordering Cafeteria | Albany, NY**

***Jan'2017 – May'2017***

- This project is aimed at developing a complete online ordering system which customer can browse and use to place orders with just a few clicks.
- The development of this system is based on SDLC with JSP and Servlets as the programming languages while MySQL server as the database of the system.

### **Log Analytics Using Amazon Web Services (AWS) | Albany, NY**

***Mar'2017 – April'2017***

- This project is about building an end-to-end log analytics solution using Amazon Web Services such as Amazon kinesis firehose, S3 bucket, Elastic Search Services.
- It collects, ingests, loads both batch data and streaming data, and makes the processed data available to users in analytics systems used in real-time.

### **Math Analyzer Mobile Application | Albany, NY**

***Mar'2017 – May'2017***

- This is a mobile application developed using IDE Android Studio and custom build tool Gradle. The system consists of three users named student, teacher and parent. It uses SQLite as database of the system.
- Main functionalities of the app are taking tests for different levels, upload tests, grade tests, set the timer, view scores, strengths and weaknesses of the student.

## EDUCATION

**Master of Computer Science | University at Albany, Suny, Albany, NY, USA | GPA (3.3/4.00)**

***Jan'2018***

**Bachelor of Electrical and Computer Engineering | Vellore Institute of Technology, Chennai, India |**

**GPA (3.4/4.00) *May' 2016***

***Relevant Coursework*** – Advanced Data Structures | Software Engineering | Topics in Data Management Systems | Advanced Programming Concepts | Database Systems | Distributed and parallel computing | Data Mining | Operating Systems