HARSHITH DESAMSETTI

+1(312) 536 5336 [dharshith1996@gmail.com](mailto:dharshith1996@gmail.com) [www.harshithdesamsetti.com](https://harshithdesamsetti.com/)

<https://www.linkedin.com/in/harshithdesamsetti/>

EDUCATION

* Northern Illinois University, DeKalb, Illinois Master of Science, Computer Science GPA: 4.0/4.0
* Koneru Lakshmaiah University, India Bachelor of Technology, Computer Science GPA: 3.7/4.0

WORK EXPERIENCE

Software Engineer, Tata Consultancy Services, Chicago, Illinois, USA (August 2019 to Present)

* Currently working at United Airlines for a Client facing iOS Mobile application used by several agents.
* The tech stack includes Swift, Objective C along with various frameworks and several supporting applications.

**Teaching Assistant, Department of Computer Science, NIU** Illinois, USA (January 2018 to May 2019)

* TA for **CSCI 322/522 Android Mobile Device Programming**, a **Graduate** as well as an **Undergraduate** course.
* I have also worked for **CSCI 240 Intro to C++**.I have effectively helped over **400 students** disciplines as a TA.

**Software Development Intern, PAJ World Software,** Hyderabad, India (July 2016 to November 2016)

* Involved in the **entire SDLC** with a Strong Development team in the project, In-Depth Analysis and Design of Hostel Management System. We have used **Agile methodology** to solve a **Real-time problem** at Hyderabad, India.
* Also, took up the role as the Interns Team Lead which added some additional responsibilities and learned some Management skills. Used MVC pattern and follow agile methodology for developing the application.
* Tested the application thoroughly before deploying the patch to the production systems.

**Web Development Intern, South Central Railways,** Vijayawada,India (May 2015 to July 2015)

* Experienced Industry standard Web Service technologies by interning with **South Indian Government Central Railway** Department in digitizing their entire information using PHP, HTML,CSS, Bootstrap, JavaScript and MySQL.
* Designed and developed Single Page Applications based on open source frameworks like Bootstrap, HTML 5, PHP and MySQL as a part of Web Development team. Developed Responsive Web apps that can run on any phones.

TECHNICAL SKILLS

* **Languages:** Java, Swift, C#, C, C++, JavaScript, Python
* **Web Technologies:** NodeJS, Express, HTML5, Bootstrap, jQuery, PHP, XML, RESTful Routing
* **Application Development:** iOS, Android Development
* **Databases:** MongoDB, MySQL, SQLite
* **Frameworks & Other:** Agile SDLCs, Git, XP
* **Developer Tools:** XCode, IntelliJ, Android Studio, MySQL Workbench, Visual Studio

PROJECTS

**NIU Campus Walk IOS Application ( Swift 4, Objective C, MapKit, CoreLocation, XCode 9.4 )**

* This **IOS application** can be used as a personal assistant to understand about the **NIU Campus.**
* The target audience are the prospective NIU Students who would like to join NIU and their families.
* The JSON data has been used to display geo elements like stops and about all the buildings the user wants to see.

**NIU Roommate Finder and Apartment Finder Helper Web Application (Currently Developing) ( MERN Stack )**

* Designing a **Web Application** for International students to solve the problem of finding roommates and a temporary apartment when needed. The tech stack being used is MongoDB, Express, React and NodeJS.

**In Depth Analysis and Design of Hostel Management System ( LAMP Stack )** (PAJ World Software Solutions)

* Implementing a much-required Dorm management system specifically at that area and involving in the entire project life cycle which included requirements gathering and analysis, developing, debugging, testing and deploying it gave a hands-on practice opportunity at various aspects in Software Engineering like Waterfall and Agile methodologies.

**Customer Relationship Management System ( Spring Boot, Java, Hibernate )**

* Designed a Customer Relationship Management System using Spring, Hibernate CRUD features and AOP.
* This helped to practice the concepts intensively and opened the possibilities of creating newer projects.

**CERTIFICATIONS & ACADEMIC ACHIEVEMENTS**

* **Microsoft 70-486 Developing ASP.NET MVC Web Applications Certification.**
* Published 3 International Journals on Security Increasing in Cloud based Systems and on Issues in Cloud Computing.