



# KOUNDINYA KOMPALLI

[koundinyakompalli@gmail.com](mailto:koundinyakompalli@gmail.com) | (813) 812-2251



## Summary:

Versatile Software Engineer committed to consistently finding dynamic solutions for software issues. Proficient in both backend and frontend development. Polished in finding innovative ways to build scalable, high-availability online systems efficiently. Offering 3+years of background, creating and implementing software systems for client companies.

## Technical Skills:

Java	●●●●●	Ajax	●●●●●	Spring	●●●●●
C#	●●●●●	SOAP	●●●●●	Git	●●●●●
PL-SQL	●●●●●	RESTful	●●●●●	React	●●●●●
MySQL	●●●●●	XML	●●●●●	Angular	●●●●●
HTML5	●●●●●	JSON	●●●●●	Eclipse	●●●●●
CSS3	●●●●●	JDBC	●●●●●	Agile	●●●●●
JavaScript	●●●●●	jQuery	●●●●●	Scrum	●●●●●

## Professional Experience:

### University of South Florida – Operations Specialist / Programmer

Tampa, FL | 06/2017 – 05/2020

- ❖ Used Java to design and build scalable technical products, such as EHR, Scheduling software, Inventory Systems, etc. while exceeding job-completion deadlines by 12% on average.
- ❖ Developed JSP web pages integrating HTML, Java, and XML elements. Analyzed and adjusted for user habits to cut attrition 22%.
- ❖ Involved in the Implementation of ETL, Data Integration, and Data Transfer and Optimization and improving Data Structures and Deadlocks.
- ❖ Involved in new project proposals, requirements analysis, cost, and risk analysis associated with developing new features and products.
- ❖ Consulted with internal customers to identify and resolve software-related technical issues.
- ❖ Wrote, modified, and maintained software documentation and specifications.

### University of South Florida - Graduate Assistant

Tampa, FL | 03/2016 – 05/2017

- ❖ Assisted with the development of 3 native windows applications using Windows Forms for .NET framework and SQL programming.
- ❖ Worked with senior programmers to complete jobs 15% ahead of schedule with 98% client satisfaction scores
- ❖ Monitored and maintained the applications to ensure the system operated in compliance with specifications.
- ❖ Onboarded and trained new users to use the software applications and prepared user-manuals documenting application usage and capabilities.

---

### Certifications:

- ❖ Scrum Fundamentals Certified (SFC) – Certificate ID: 778171
  - ❖ Certified Six Sigma Green Belt Professional – License: 12114952
- 

### Education:

Executive Master's in Information Technology Expected in Aug 2022  
University of Cumberland's – Williamsburg, KY  
**Specialization:** Digital Data Forensics

Master of Science in Mechanical Engineering May 2017  
University of South Florida – Tampa, FL  
**Specialization:** Haptics

Bachelor of Technology in Mechanical Engineering May 2015  
Jawaharlal Nehru Technological University – Hyderabad, India

---

### Patents:

- ❖ Apparatuses and methods for practicing a reduction procedure for treating Radial Head Subluxation – **USF#19A005PR**. (*Utility patent applied*)
  - ❖ Light Assisted Otto-Rhino Foreign Body Extractor – **USF# 19B137**. (*Provisional Granted*)
- 

### Relevant Coursework:

- ❖ ITS - 531 Business Intelligence – Data Analytics, Artificial Intelligence, Machine Learning.
  - ❖ ITS - 530 Analyzing & Visualizing Data – Tableau, Reports generation.
  - ❖ ITS – 532 Cloud Computing – IAAS, PAAS, SAAS.
  - ❖ MSDF - 634 Web Browser Forensics – Data security, Ethical Hacking, Browser vulnerabilities.
- 

### Soft Skills:

Creativity	●●●●●	Problem-solving	●●●●●	Leadership	●●●●●
Collaboration	●●●●●	Curiosity	●●●●●	Critical Thinking	●●●●●

---

### Awards & Grants:

- ❖ Received the “AI in Healthcare Simulation” grant for (2020 – 2021) from PCS Research & Growth Division.
  - ❖ Awarded the Most Innovative Employee of USF College of Nursing – 2019.
  - ❖ Best Innovative Project in Haptics Award, USF College of Engineering – 2017.
  - ❖ Outstanding Student of the Year Award, Jawaharlal Nehru Technological University – 2015.
- 

### Publications:

- ❖ Schocken, D. M., **Kompalli, K.**, Heskett, M., Gammon, W., Lutz, R., & Gore, T. (in review). Hybrid Simulation. In J. C. Maxworthy & C. A. Epps (2nd ed.), Defining excellence in simulation programs. Philadelphia: Wolters Kluwer.