Indhira Mudrageda

Dallas, Texas – 75252

(919)-607-9512 | indhira.mudrageda@utdallas.edu | Portfolio Website

PROFILE
Full Stack Developer with 4 years of experience in design, development, and maintenance of complex, large-scale web applications using **Java** and **JEE** technologies adhering to **Agile** methodology.

SKILLS
Programming Languages: Java, C, HTML, JavaScript, Perl, Python
Tools & Technologies: Spring Framework, RESTful Web Services, MyBatis, AngularJS, jQuery, CSS, Bootstrap, MySQL, Oracle, JSON, Maven, JUnit, Git, PRPC, Eclipse IDE
Certifications: Pega Certified System Architect 7.2

EXPERIENCE
Software Engineer, Pegasystems Inc. | Hyderabad, India   *November 2017 - January 2019*
- Enhanced users' collaboration experience by adding new social activity stream capabilities including private posts and task type posts on top of the existing **Pega Pulse** framework
- Proactively identified and developed actionable notifications feature giving users quick access to perform relevant tasks in response to a notification; Demonstrated the feature at Pega World 2018 event
- Improved unit test coverage of features owned by our team, thereby greatly simplifying debugging efforts and improving early detection of bugs

Senior Software Engineer, United Online Inc. | Hyderabad, India   *July 2014 - October 2017*
- Accomplished transparency, accountability in handling chargebacks, and successfully increased the processing rate 2x by developing an automated web-based processing system used by internal CRM agents
- Designed and developed **REST APIs** and UI components of a web application to handle and manage customer-raised service requests primarily using **Java**, **Spring** framework, and **Dojo** framework
- Re-architected existing web application to accommodate legacy reports from a proprietary software, thereby cutting down the licensing costs
- Added an enhancement to internal Leave System that enables managers to track and view leaves modified manually in the database

EDUCATION
The University of Texas at Dallas   **Expected Graduation: May 2021**
Master of Science in Computer Science   GPA: 4.0
Coursework: Computer Algorithms, Web Programming, Database Design, Computer Networks, Operating Systems
Jawaharlal Nehru Technological University, **India**   April 2014
Bachelor of Technology in Computer Science   Aggregate: 83.19%
*Recipient of MHRD Central Government Scholarship for academic excellence 2010-2014

ACADEMIC PROJECTS
- Implemented the functionality of nodes in distributed system in the context of **Fog Computing** to reduce response time delay for requests from IoT nodes by processing them at closely located fog nodes
- Developed computer hardware e-commerce website using **Node.js**, **Express**, **MongoDB,** and **Bootstrap** with features to view, search, purchase, and update products in the system
- Implemented mutual exclusion service on nodes of a distributed system using **Lamport's Mutual Exclusion Protocol** and designed an automated testing mechanism to ascertain its correctness