



PRATYAKSH SUDAN

Email: pratyaksh.sudan@gmail.com Phone: +1(678)-865-9828

Professional Summary

- Participated in the **KSU's Fall Innovation Hackathon 2021 – WellStar Challenge**
- Currently pursuing Master of Science in Information & Technology (Graduating in May 2023) with a 4.0 GPA for fall semester from Kennesaw State University, GA, USA.
- Developed a MEAN stack app as part of the IT Design Studio course – IT6203 – MSIT, KSU
- Currently working as Graduate Teaching Assistant at Kennesaw State University
- 6.8 years of experience as an IT professional, worked as a Technical Lead at Colt Technologies.
- Worked as a MEAN stack developer with Amdocs for 1.8 years & Tata Consultancy Services for 2.6 years.
- Hands-on experience in setting up Docker
- Implemented Dev-Ops tools including Jenkins, Git, SonarQube in Docker environment

Certification

Accomplished a certified course of **Oracle Certified Java Programmer** in October 2014 with **A grade**.

Technical skills

Java /J2E, DevOps React-redux, Angular JS, MongoDB, Express JS, Node JS, RESTful web-services, Shell scripting, UNIX, Soap simulator, YAML, Spring boots, Struts, Hibernate, Mocha, J-units, jQuery, JSON, JavaScript, Ajax, HTML, XML, SQL, CSS.

Projects

1. MSIT KSU - Pizza ordering & Delivery application (Fall 2021)	Team Lead
<p>Pizza Shop app is a MEAN stack application which consists of four components, namely –</p> <ul style="list-style-type: none">• Food menu• Order Management• Payment• Online delivery & pickup <p><u>Few important key features used in the application are as follows</u></p> <ul style="list-style-type: none">• The app implements the programing logic of cart management system and saves over once added in the cart by the customer. It uses mongo collections to save various artifacts in the database.• Application is also built using Bootstrap 5.0, enabling responsiveness, and toggling the size between a desktop and mobile screen. The concept of lazy loading along with svg images are used in this application to reduce page load time.• The application incorporates a navigation panel as part of the header which consists of quick links to maneuver through the app.• Google's GEO location TPA is also used and helps to locate stores in a provided zip code	
2. Colt OSS - Automated Provisioning Tool (June 2019 – August 2021)	Technical Lead
<ul style="list-style-type: none">• Created user dashboard using react JS with its back-end API based on RESTful WS with JAXB, react bundle running on Nginx server (version 1.12) and back-end fetching the requested data from core services (SOAP APIs) which are a set of wars running in JBOSS server (version 4.0).• Led the team of developers in migrating legacy framework onto latest technology stack with the whole operation running on a Docker environment (version 20.10) which is deployed in Docker stack (docker-containers).• Led a team of contractors re-create and re-design the old application using Bootstrap 4.0 libraries and HTML 5	
3. Colt OSS – Portal Tool (January 2019 – January 2021)	Senior Engineer
<ul style="list-style-type: none">• Redesign the legacy application running on struts 1.2 framework with JSPs onto Spring boot 2.0 framework using RESTful WS, and frontend built on react, with the frontend deployed on Unix environment running on Nginx version 1.12• Lead a team of contractors re-create and re-design the old Portal application using Bootstrap 4.0 libraries and HTML 5• Re-created Navigation bar to incorporate application wide accessibility• Optimized the webpack config file to create optimized and compact bundle for frontend for example CSS-minimizer webpack plugin and uglify JS webpack plugin	

4. Amdocs - Digital - US Cellular – Maxis (June 2017 - Jan 2019)	Software Developer
<ul style="list-style-type: none"> Developed RESTful webservice and created workflows in react-js to implement the web application for US Cellular Worked for 1.8 years in Agile lifecycle as a developer Created efforts and estimations based on requirement assigned by the PO and delivered assigned task in stipulated time with minimum bugs Successfully delivered demos to the PO for multiple assigned backend and frontend tasks Created Rest webservices using yaml files and maven auto builds 	
5. TCS - Walgreens - 340b Drug Discount Program (January 2015 - May 2017)	Systems Developer
<ul style="list-style-type: none"> The 340B Drug Discount Program is a U.S federal government program created in 1992 that requires drug manufacturers to provide outpatient drugs to eligible health care organizations/covered entities at significantly reduced prices. Worked as a developer for Walgreens - 340B applications. Created JavaScript xml-based bar-graphs and line graphs using JavaScript libraries Created Java-J2EE programs using bounce framework which as an internal framework being a combination of spring and struts Optimized complex SQL queries using multiple inner joins to improve bulk data fetching Written efficient java code to fetch multiple bulk data into smaller chunks to display using pagination. Designed script let tags with JSTL tags to create JSP pages, with the front controller handling the incoming client requests and redirecting to the appropriate servlet 	
6. TCS (Initial Learning Program) - Online Sales Management (November 2014 - Jan 2015)	Team Lead
<ul style="list-style-type: none"> This is an enterprise application used by an organization to manage its sales and inventory system. It allows its users to maintain product information like quantity, price, and other specifications. A user can also create a workflow for its representatives. 	

Educational Qualification

- Master of Science in Information & Technology with a 4.0 GPA in fall semester from Kennesaw State University, Marietta, GA, USA. Expected Graduation date: May 2023
- B.Tech. CSE (Full Time) from Noida Institute of Engineering and Technology, Gr. Noida, Scored 3.29 GPA in the year 2014.