

Sai Kumar Thallada

<https://thalladasaikumar.github.io/portfolio/>
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EDUCATION

- **University of North Carolina at Charlotte** Charlotte, NC
Master of Science in Computer Science; GPA: 4.00/4.00 *Aug. 2019 – Dec. 2020*
- **Osmania University** Hyderabad, India
Bachelor of Engineering in Computer Science; GPA: 3.5/4.00 *Oct. 2012 – May. 2016*

PROGRAMMING SKILLS

Languages: Java(proficient), Python, Javascript, Axon(proficient), Fantom(familiar).

Technologies: Proficient in Spring Boot, React.js, Node.js, AWS, HTML/CSS, Git, Familiar with Docker, Kubernetes, Splunk, AEM, MongoDB, SQL, Jenkins, MariaDB

EXPERIENCE

- **HP Buildings** Charlotte, NC
Software Developer Intern *Jun 2020 - Dec 2020*
 - Architected, developed web application and User Interface utilizing **React** library, and **Spring Boot** framework.
 - Created **RESTful API's** to fetch data from SkySpark Analytics tool.
 - Overrode building data points to implement **Functional Performance Testing**, thereby reduces 100% human effort to test equipments.
 - Collected data using Project Haystack, BACnet connectors in SkySpark Analytics tool from Building Management/ Automated Systems.
 - Implemented Axon scripts to find sparks/faults in building data.
- **Cognizant** Hyderabad, India
Associate(Software Engineer) *Sep 2016 – July 2019*
 - Automated sitemap generation(used for google indexing) for PRNewswire website and regional sites, which thereby reduced 100% of 2months in human effort(**Awarded Sparkle of the Month**).
 - Built RESTful API's to fetch and update user data into Okta SSO service, migrated OpenID to Okta SSO.
 - Reduced 50% fetch time on Cision blog & site search by implementing Query Builder API in AEM.
 - Programmed Replication Agents in AEM to publish the latest content into Cloudflare CDN.
 - Developed Java based scripts to push emails in Obsidian leveraging cron jobs, and created web templates in Word Press.
 - Incorporated screen scraping scripts for various Financial Institutions with the help of **Java headless** browser and the data is used to load into QuickBooks, Bills in Mint, and other Intuit Products.
 - Pioneered Java based scripts to determine whether customer has TAX form(PDF form provided by Financial Institution) for the financial Year in Turbo TAX achieved 85% success rate, Triaging production issues and delivered quick resolution.

PROJECTS

- **AQI Retrieval:** Built an open source **python** package library AQI(Air Quality Index) retrieval for more than 500 cities across the U.S., as a team and personal project.
- **Book Events:** Web Application on **NodeJS, Express, MongoDB** for book events, end-user can create, modify, and manage users events, as an individual and academic project.
- **COVID-19 Screening:** Devised a screening tool(web application) to check individual Covid-19 status, as an individual and personal project.