

SAIBHARADWAJ CHEEKOTI

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EDUCATION:

Northern Arizona University

Master of Science, Computer Science

Expected Graduation: May '22

GPA – 3.5/4

Jawaharlal Nehru Technological University

Bachelor of Technology, Computer Science and Engineering

June '19

GPA – 3.3/4

EXPERIENCE:

Teaching Assistant – CS 421 – Algorithms

Jan '22 – May '22*

- Managed grading assignments of topics: Complexity, Dynamic Programming, Greedy & Graph algorithms of 50+ students.
- Analyzed algorithms and clarified peer-drawbacks in improving efficiency of algorithm/time-space complexities by 10-20%.

Data Science and Business Intelligence Intern, AINE AI

Sep '21 – Nov '21

- Redesigned more than 5 data collection/ preparation strategies for improvement of data stacks quality by 30%.
- Stream Lined statistical analysis for data cleaning, Model Evaluation with more than 20,000 users for EDA and Data Collection and implemented operational improvements for model efficiency that boosted productivity by 22%.
- Developed 3+ prediction models using Supervised and Unsupervised learning techniques like Linear & Ridge Regression, Decision Trees.

Associate Software Engineer, Virtusa Corporation, Hyderabad, India

Aug '19 – Dec '20

- Implemented ETL pipelines with better data quality by 20%, in business reduced more than 35% of Customer Issues.
- Enhanced validation logics, rules, Data Transformations improving the efficiency and reliability of applications by more than 15%.
- Rectified and pushed bug fixes on production coordinating with 6-member cross-functional team, which had serious business impact on customer interface.
- Revamped conceivable framework upgrades, lowering efforts up to 10% in turn reducing infrastructure cost up to 30,000\$.
- Managed the loading and integration of data into the application with PEGA Integrations then to AWS S3 storage.

Java Software Developer Intern, MICST, Hyderabad, India

Jan '19 – May '19

- Developed POCs on Java 8 features like Lambda Expressions, Date & Time API, handling several exceptions and integrated redesigned features into application and tested application performance.

TECHNICAL SKILLS:

- Programming Languages Java, Python, R, C, C++
- Cloud Platforms AWS, Terraform, GCP*
- Databases & Servers MySQL, Oracle, PostgreSQL, MongoDB, Tomcat
- ETL Tools Talend Data Integration, Informatica, WEKA
- Frameworks/Tools Spring MVC/ Boot, Github, Hibernate, Maven
- Web Development/Scripting HTML5, CSS, AJAX*, JavaScript, Bootstrap
- Development & Versioning Tools Eclipse, IntelliJ, PyCharm, Postman, Git, Service Now
- Data Visualization Microsoft Power BI, Tableau

PROJECT EXPERIENCE:

Full Stack Application for Health Insurance (Java, Python, MySQL, Informatica, AWS, PEGA, Spring MVC)

- Built Web application based on Java, Spring MVC that manages health insurance operations of customers and maintains medical records of more than 100,000 users.
- Hosted the application on AWS, and Processed the data staging with Informatica and interfaced with PEGA for customers.

Employee Recruitment System (Java, Servlet, JavaScript, HTML/CSS, Bootstrap, jQuery, MySQL, Spring MVC/ Boot, Hibernate, Maven)

- This is a Java web application POC used for all the processes from registration until final results for recruiting new employees.
- Implementation starts with user registering through JavaScript/jQuery scripted UI to validate data dynamically and fed to database via Hibernate. Notifies users about status of application at each round.

CERTIFICATIONS:

AWS Certified Solutions Architect - Associate (SAA-CO1)

MTA: Introduction to Programming Using Python - Certified 2020

Pega Certified System Architect & Pega Certified Senior System Architect (PCSA 8 & PCSSA 8)

Talend V7 Data Integration Certified Developer

Oracle Certified Associate, Java SE8 Programmer (OCA – JP)