SAHITA BONTHU

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EDUCATION

NORTHEASTERN UNIVERSITY, BOSTON   May 2025
Master of Science in Data Analytics Engineering
Coursework: Foundations of Data Analytics Eng, Data Management for Analytics

JNTUK - UNIVERSITY COLLEGE OF ENGINEERING, VIZIANAGARAM   May 2022
Bachelor of Technology in Information Technology   GPA : 3.7
Coursework: Machine Learning, Operating Systems, Software Engineering, Artificial Intelligence, Big Data Analytics, Database Management Systems, Data Mining

WORK EXPERIENCE

TATA CONSULTANCY SERVICES LTD, HYDERABAD   Jul 2022 - Jun 2023
Assistant System Engineer

- Enhanced SAP functionalities, resulting in a 30% increase in system efficiency and reduced processing time
- Implemented modularization techniques, reducing code complexity by 25% for streamlined development
- Conducted detailed code reviews and debugging sessions, resulting in a 40% decrease in system errors and managed employee master data, ensuring accuracy and efficiency in payroll processing

SMART INTERNZ - SUPPORTED BY GOOGLE DEVELOPERS, HYDERABAD   Aug 2022 - Sept 2022
App Development Intern
- Built a Grocery App utilizing Kotlin, Android Studio, and GitHub, implementing MVVM architecture for improved efficiency by 10%
- Utilized Room for streamlined data storage and Coroutines for enhanced app responsiveness
- Conducted rigorous testing and debugging to ensure a polished, bug-free application and actively participated in team discussions, providing valuable input for feature enhancements

WIPRO LIMITED, HYDERABAD   Mar 2022 - May 2022
Project Engineer Intern
- Designed and optimized the UI for an Online Resume System, promoting user-friendly navigation
- Implemented a client-server architecture, ensuring responsive handling of concurrent requests
- Collaborated with the team to seamlessly integrate UI with the back-end, improving overall functionality

SKILLS

- Programming Languages:Java, C/C++, Python, SQL, ABAP
- Technologies: Statistical Analysis,Cloud Computing, Advanced Analytics, Predictive Modeling
- Data Visualization tools - Tableau, Power BI
- Tools: Eclipse, Jupyter, Ubuntu, Microsoft Office, SAP Business System, Apache Tomcat 6, Oracle 9i

RELEVANT PROJECTS

Deep Learning for Statement-Level Software Defect Prediction
- Successfully developed SLDEEP model to predict fault-prone statements with high accuracy by utilizing process optimization for efficient data training, testing, and validation, resulting in impressive performance metrics. Applied advanced data visualization techniques for statistical analysis

LEADERSHIP AND COMMUNITY ENGAGEMENT

- **Placement Coordinator:** 95% placement record; witnessed 12.8% YOY increase in max CTC, assisted for TAAP training program
- **Internshala Student Partner-19:** Educated peers about internships and online training, fostering career growth and hosted successful Internshala Talks, engaging more than 250 students
- **Google Cloud Certified** - Associate Cloud Engineer