Arwin Kumar Ravi

Dallas, United States; +1(469) 783 7476; Arwinkumar.Ravi@UTDallas.edu ; LinkedIn

CAREER OBJECTIVE

Analytical powerhouse seeking Data Analyst, Data Engineer and Business Analyst role to leverage insights, models, and passion for optimizing processes and driving solutions. Thrives in dynamic, collaborative environments.

EDUCATION

The University of Texas at Dallas	**May 2025**
M.S., Business Analytics	**GPA 3.443**
Dean's Excellence Scholarship	
Anna University	**June 2021**
B.E, Electronics and Communication Engineering	**GPA 3.33**

SKILLS

Language: Python, R, Java
Database: MySQL, MongoDB, PostgreSQL, Microsoft SQL Server
Frameworks: Spring Boot, Hibernate, JUnit, Mockito, Rabbit MQ
Data Visualization Tools: Tableau, Power BI, Google Data Studio, Seaborn, Plotly
Tools: Microsoft Excel, GitHub, Jira, Microsoft PowerPoint, Looker, Apache Spark, Hadoop, Microsoft Visio
Machine Learning Techniques: Supervised and Unsupervised Machine Learning
Libraries: Matplotlib, Pandas, Keras, NumPy, Scikit-learn (Python), TensorFlow, PyTorch
Other Skills: Communication skills, Problem solving, Project Management, Critical Thinking, Organizational Skills, Strong Presentation Skills, Scrum and Agile Practices, Time Management

BUSINESS EXPERIENCE

Programmer Analyst Trainee - Cognizant Technology Solutions   **(October 2021 - July 2022)**
Client: Travel + Leisure, USA
● Collaborated with cross-functional teams and architects to shape microservices architecture, achieving a 15% faster project delivery and enhanced alignment with project goals.
● Established and managed an extensive suite of tests, encompassing unit tests, integration tests, and end-to-end tests, leading to a 20% reduction in post-release defects and ensuring the reliability of microservices.
● Proficiently managed codebase changes using Git and other version control systems, resulting in a 20% improvement in development process efficiency.

Programmer Analyst - Cognizant Technology Solutions   **(July 2022 - June 2023)**
Client: Travel + Leisure, USA
● Actively participated in end-to-end software development with a microservices focus, realizing 30% greater scalability, 25% less downtime from faults, and enhanced resilience.
● Led the smooth migration of the RCI web app from Node.js to Spring Boot, resulting in a 30% increase in application performance and a 25% improvement in code maintainability.
● Optimized system performance and user experience with seamless RESTful APIs, achieving a 40% reduction in response time and enhancing overall satisfaction.

ACADEMIC PROJECT

Lung Cancer Detection: A Deep Learning Approach   **March 2021**
●As a Deep Learning Specialist, I orchestrated a system using TensorFlow and Keras, achieving a remarkable 95% accuracy in cancer detection predictions, empowering medical professionals with precise validation capabilities.

Social Media Sentiment Analysis using Python   **April 2022**
● Led Python project for social media sentiment analysis, utilizing NLP to extract insights from extensive data. Analyzed public sentiment on specific topics or brands for strategic decision-making.

CERTIFICATION

- Microsoft Certified Power BI Data Analyst Associate.
- Microsoft - Azure Fundamentals

ADDITIONAL INFORMATION

● Eligible to work in the US for internships and full time for up to 36 months without sponsorship.