J Annamarial

Software Development | Data Analyst | Database Management System | Content Moderator

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DOB: 13/07/2000
Tirunelveli, Tamilnadu

- **Languages Known:** Tamil, English,Telugu

Education

- **Master of Science** from Sadakathullah Appa College, Tirunelveli, Tamil Nadu, 2022, CGPA: 9.3

Skills

- **Programming Languages**
  - Java
  - Python
  - HTML
  - CSS
  - C++
  - JavaScript
- **Frameworks & Libraries**
  - React
  - Spring Boot
  - Node.js
  - Express.js
- **Databases**
  - SQL
  - MongoDb
- **Data Analysis & Visualization**
  - NumPy
  - Matplotlib
  - Seaborn
  - Plotly
  - Pandas
- **DevOps & Tools Software**
  - Eclipse
  - Azure
  - AWS
  - Build & Dependency Management: Maven
  - IDEs: IntelliJ IDEA, Eclipse
  - Version Control: Git, GitHub
  - CI/CD: GitHub Actions
- **Core Skills & Methodologies**
  - OOPs,
  - Data Structures & Algorithms,
  - Agile Methodologies,
  - Content Management Systems

Profile Summary

Results-driven Java Developer with 2+ years of experience in backend development using Java, Spring Boot, and Microservices. Skilled in RESTful APIs, relational databases, and agile teamwork, with strong adaptability and clean code focus.

Work Experience

Software Engineer-Data Analyst With AI/ML | Zog Global | Sep 2025 – Present

Key Skills :

TensorFlow, PyTorch, scikit-learn, NLP, BERT/FinBERT, API Integration, Data Preprocessing, Git (version control), Jupyter Notebook ,Data & text annotation for AI/ML models, NLP datasets, LLM training data creation, Tableau, Power BI, LookerScikit-learn, Statsmodels,BigQuery, Databricks, Airflow.

- Built and maintained data pipelines (ETL/ELT) using Python/Java and SQL.
- Designed AWS-based workflows using EC2, S3, EMR, Lambda, ECS, Step Functions.
- Worked with Product, Analytics, and Client Services teams to solve data infrastructure issues.
- Managed and supported live data applications.
- Used Airflow for pipeline orchestration and Docker for containerization.
- Proficient in Git for version control.
- Developed and deployed Generative AI and NLP-based sentiment analysis models using pretrained transformers such as BERT and FinBERT.
- Integrated REST APIs for automated data extraction, preprocessing, and online data analysis. Performed data preprocessing, model training, evaluation, and optimization to improve predictive performance and accuracy.

System Engineer Trainee | Infosys Pvt. Ltd., Mysore, Karnataka | Oct 2024 – Apr 2025

- Participated in comprehensive training modules focused on software development, cloud computing, and Agile methodologies
- Gained experience using tools like Eclipse and a basic CRM system for client relationship management.
- Developed backend services using Java, Spring Boot, Hibernate, and MySQL/MongoDB.
- Optimized SQL queries and integrated database operations into application logic.
- Ensured software quality through test cases, coding standards, and best practices.

Content Management-Technical Analyst /R&D Engineer- | AB Technologies, Tirunelveli, Tamil Nadu | Jul 2023 – Sep 2024

- Conducted independent market and competitive research using Google and business research tools.
- Analyzed business news to validate events such as funding, acquisitions, and leadership changes.
- Collected and consolidated company data including CEO, founding date, revenue, and employee count.
- Performed competitive analysis and converted insights into actionable reports and presentations. Evaluated data accuracy and source credibility to ensure reliable intelligence.
- Utilized MS Office, web analytics, and data collection methodologies to support business objectives.

Certifications & Achievements

- NPTEL – Enhancing Soft Skills & Developing Soft Skills (Silver Medal)
- Full Stack Developer Course – NIIT Stackroute
- Intro to Graphic Design – Great Learning
- Python Basics – Great Learning
- Introduction to Tableau – Simplilearn