

ARISH S

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CAREER OBJECTIVE

Aspiring software developer with strong fundamentals in Java and Data Structures & Algorithms, complemented by hands-on experience in UI/UX design using Figma and data visualization with Power BI. Passionate about solving complex problems, building efficient and scalable software solutions, and designing user-centric interfaces while continuously enhancing technical expertise and collaborative skills.

SKILLS

Programming languages: Java(Problem Solving),Python(Intermediate)

Database Management: MySQL

Software and Tools: Visual Studio Code, Figma, Power BI

Soft Skills: Team management, Time Management ,Communication, Adaptability, Problem-solving, Analytical Thinking

Languages: Tamil (Native), English (Fluent)

PROJECTS

Drug Inventory & Supply Chain Forecasting

- Designed and developed a demand forecasting system to predict medicine stock levels, reducing overstock and shortages by providing accurate reorder suggestions.
- Implemented data preprocessing, model training (ARIMA, SARIMA, XGBoost), and evaluation metrics (RMSE/MAE) to ensure prediction accuracy.
- Improved forecasting accuracy by 25%, supporting better decision-making in supply chain operations.
- **Tools:** Python, Pandas, scikit-learn, XGBoost, Statsmodels, Matplotlib,SARIMA,ARIMA

AI-Powered OCR for Documents

- Built an OCR-based document processing pipeline to automatically extract and organize text from invoices and receipts, reducing manual effort by 70%.
- Integrated Google Cloud Vision API with OpenCV for image preprocessing and NLTK for text cleaning and entity extraction.
- Designed a structured output format for easy integration with downstream business systems.
- **Tools:** Python, Google Cloud Vision API, OpenCV, NLTK

EDUCATION

B.E Electronics and Communication Engineering

2022-2026

Rajalakshmi Engineering College CGPA - 7.45(present)

Higher Secondary Education - Biology and Mathematics

Mar - 2022

Indo - American School, Cheyyar - 82.33%

Secondary Education

Mar - 2020

Government High School - 86.60%

CERTIFICATIONS

Oops in Java: Simple learn

Introduction to Artificial Intelligence: Simple learn

Introduction to Internet of Things: NPTEL

Software engineering Job simulation: Forage
