

# 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**

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- Oops in Java: Simple learn
  - Introduction to Artificial Intelligence: Simple learn
  - Introduction to Internet of Things: NPTEL
  - Software engineering Job simulation: Forage
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