



# AKSHYASHREE S N

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## Summary

Experienced professional passionate about **Business Analytics, Data Analytics, and Software Development**. Skilled in translating business needs into technical solutions, utilizing **Python, C, C++, HTML, SQL, Angular**. Proficient in **statistical analysis, machine learning, and data visualization** with tools like **Power BI, Figma and Share Point**. Experienced in database management for efficient data handling.

## Education

- **Computer Science Engineering (2022)**  
K. Ramakrishnan College of Engineering  
84.4%
- **XII (2018)**  
SBIOA Matriculation School  
73.17%
- **X (2016)**  
Chellammal Matriculation School  
87%

## Knowledge Preview

- Predictive Modelling
- Business Intelligence
- Data Analytics & Interpretation
- Project Management
- Data Visualization and Exploration
- Data Mining
- Requirement Gathering
- Documentation
- Process Improvement & Optimization
- Troubleshooting
- UI Designing

## IT Skills

- Python
- Angular
- C
- C++
- HTML
- SQL
- Power BI
- Figma

## Experience

**Cognizant Technologies**  
**Program Analyst – IDE FSE .Net**

**Feb'22-Present**

### Key Result Areas:

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- Improving system efficiency and speed by resolving issues and eliminating unnecessary database references, resulting in smoother operations.
- Managing the updating of automatic email recipients' mail, reducing unnecessary correspondence and improving email effectiveness.
- Updating outdated stored processes with new ones, enhancing the system and optimizing operational efficiency.

#### Provider Portal

- Created the entire portal app using share point for the healthcare accounts to access the recent information across the accounts.

#### Mental Healthcare app

- Frontend UI enhancements and documentation of video call feature.

#### Med Assist

- Created a website for doctors for prescription automation with call transcription integrated with AI using Github Copilot.

### Highlights:

- Played a key role in reducing user confusion and ensuring the secure transmission of accurate information, leading to increased user satisfaction and improved system confidence
- Reduced user misunderstanding and achieved 90% accuracy in information by resolving multiple issues and eliminated unnecessary database references
- Enhanced the system's effectiveness and performance through ongoing coding and debugging, leading to improved outcomes
- As the Scrum Master and team leader, facilitated effective collaboration and streamlined workflows, contributing to reduced user confusion, enhanced system security, and improved performance through ongoing coding and debugging efforts.

**Antares Weighing**  
**Software Coordinator**

**Feb'21- Jan'22**

### Key Result Areas:

- Developed a software automation that documented the weight of cargo vehicles, along with vehicle details, entry, and exit times
- Worked closely with the team to ensure the successful deployment and maintenance of the software automation
- Utilized Python programming skills to deliver a solution that met the firm's requirements & standards
- Automated a critical warehouse operation function, resulted in optimized processes

## Certifications

- Master Data Science
- Google - Foundations: Data, Data, Everywhere
- Google - UX Professional Certificate (Tool-Figma)
- Digital Marketing Certification (SEO, Google Ads, Analytics)
- Photoshop Certification
- Power BI
- Artificial Intelligence and Machine Learning
- Complete Personal Development
- International Conference - Automated Survey System
- Engineer Yesterday, Today & Tomorrow

## Extra Curricular

- Served as a fundraiser for Womenite NGO and received a certificate of appreciation and recommendation for my contributions
- Diploma in Fine arts
- Singing

## Personal Details

- **DOB:** 5th April 2001
- **Languages Known:** English & Tamil

### Highlights:

- The implementation of an automated system successfully reduced fraudulent activity and enhanced operational effectiveness
- Accomplished a reduction in staffing requirements, leading to cost savings for the business
- Expedited processes by up to 80%, resulted in faster and more efficient operations
- Developed the system with a focus on user-friendliness and seamless integration into the existing workflow

## Mini Projects

### Title: Twitter Scrapping

Created a website that facilitated the scraping, downloading, and archiving of tweets; employed **Python scraping, data collection, MongoDB, and Streamlit** techniques for implementation.

### Title: Phonepe Pulse Data Visualization and Exploration

Developed a webpage containing valuable insights and information about the data in PhonePe Pulse; utilized techniques such as **GitHub cloning, Python, Pandas, MySQL, MySQL-connector-Python, Streamlit, and Plotly** for implementation.

### Title: BisCardX: Extracting Business Card Data with OCR

Created a webpage using **python** that enabled users to extract details from business cards using **OCR technology**; implemented a **Streamlit GUI** for user-friendly interaction. Utilized **SQL and data extraction techniques** to store and retrieve the extracted information.

### Title: E-commerce Sales Dashboard

Developed a sales company dashboard for an e-commerce platform, displaying year-to-date sales information and generating valuable insights; implemented **Power BI and SQL Server Management** for data visualization and analysis purposes.