

# SHASHI PREETHAM KOTTE

4311 Apt D Bob Ct, Fairfax, Virginia 22030

☎ 470-978-6954 ✉ [shashi.preetham2804@gmail.com](mailto:shashi.preetham2804@gmail.com) 🔗 [linkedin.com/in/shashipreetham/](https://www.linkedin.com/in/shashipreetham/) 🌐 [github.com/KSP93](https://github.com/KSP93)

## Professional Summary

I am a goal-driven Master of Science in Information Systems candidate at George Mason University, proficient in Python, Java, and machine learning, demonstrating project leadership in Human Resource Analytics and Smart Attendance Management. My expertise in Programming and data analysis and innovative problem-solving makes me a valuable asset in the Computer Science landscape. Ready to join as an intern from May 2024.

## Education

### George Mason University

*Master of Science in Information Systems*

**Aug 2023 – May 2025**

*GPA :3.89/4.00*

### Institute of Aeronautical Engineering

*Bachelor of Technology in Information Technology*

**Aug 2019 – Jun 2023**

*GPA :8.47/10.00*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Data Visualization
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Projects

### Human Resource Analytics | *Python, Tableau*

**December 2023**

- Conducted comprehensive statistical and visual analysis of HR data using Python and Tableau.
- Applied statistical techniques, including T-tests, Chi-Square tests, correlation analysis, and logistic regression.
- Identified key factors influencing employee attrition, highlighting the impact of overtime, job role, and compensation.
- Provided instrumental insights to guide HR strategies for improving employee retention and job satisfaction.

### Smart Attendance Management System | *Python, OpenCV*

**March 2023**

- Led the creation of an advanced attendance management system for educational institutions and businesses.
- Implemented face recognition technology to automate and accurately record attendance.
- Managed database design and maintenance, and conducted machine learning model training for optimal system performance.

### Image Classification | *Python, Convolutional Neural Networks*

**October 2022**

- Developed an Image Classification model utilizing Convolutional Neural Networks.
- Achieved an 85.0 percent accuracy rate in classifying images from the CIFAR-10 data-set across 10 distinct classes.

### Weather Forecast application | *Python, Web Scrapping*

**February 2022**

- Developed a weather forecasting interface for specific geographical locations.
- Utilized Python, web scraping techniques, and data visualization to gather and display weather data.
- Engineered a user-friendly interface for an intuitive and accessible experience.

## Technical Skills

**Languages:** Python, Java, C, HTML/CSS, JavaScript, SQL, Tableau

**Libraries:** Pandas, Altair, Matplotlib, NumPy

**Developer Tools:** VS Code, Anaconda, Eclipse, Android Studio

**Technologies/Frameworks:** Linux, GitHub

## Certifications

- TCS certified “TCS Career Edge – Young Professional”, March 2022.
- Received certification in “Crash Course on Python” by Google, Coursera, January 2022.
- Received certification in “AWS Cloud Technical Essentials” by Amazon, Coursera, January 2022.
- Received certification in “Python (Basic)” by Hacker Rank, January 2022.
- Received certification in “Java (Basic)” by Hacker Rank, November 2021.