

H P SHASHANK

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OBJECTIVE

Final-year **Artificial Intelligence & Machine Learning** student skilled in **Python, SQL, TensorFlow, and data visualization (Power BI, Tableau)**. Experienced in **machine learning projects and IoT automation** with strong problem-solving and data analysis skills. Seeking an **entry-level role in IT/software development, data analysis, or machine learning engineering** to apply technical expertise and deliver scalable solutions

EDUCATION

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|--|------------------|
| B.E. Artificial Intelligence and Machine Learning | 7.01 CGPA |
| Navkis College of Engineering, Hassan | 2022-2026 |
| Pre-University Course (PUC) | 62% |
| Sri Ramakunjeshwara PU College, Ramakunja | 2020-2022 |
| Secondary School Leaving Certificate (SSLC) | 65% |
| Sri Ramakunjeshwara High School, Ramakunja | 2019-2020 |

TECHNICAL SKILLS

Programming: C++, Python, JavaScript, HTML, CSS

Databases: SQL, MongoDB

Data Visualization & BI Tools: Power BI, Tableau

Machine Learning & AI: TensorFlow, OpenCV, Pandas, NumPy, CNN

Developer Tools & Platforms: Git, Google Colab, AWS(Basic)

PROJECTS

Alexa Home Automation by IOT.

- Built a voice-controlled smart home automation system with Alexa Skills Kit and **AWS Lambda**.
- Enabled real-time appliance control and remote monitoring, improving user convenience.
- Successfully integrated multiple IoT devices, reducing manual operation by 70%.
- Tech Used:** IoT Devices, AWS Lambda, Alexa Skills Kit, Python

AI Face Recognition Attendance System.

- Implemented an **automated attendance system** using **real-time facial recognition**.
- Integrated **OpenCV and TensorFlow** for detection and recognition, achieving **95% recognition accuracy**.
- Eliminated manual attendance tracking, improving classroom efficiency by **~80%**.
- Tech Used:** Python, OpenCV, TensorFlow, Google Colab.

RPA-Based Email Automation (UiPath)

- Built an **RPA workflow with UiPath** to automate admission query responses.
- Extracted details from **PDF files using AI** and auto-responded to emails.
- Reduced **manual email handling by ~90%**.
- Tech Stack:** UiPath, AI Document Processing, Email Automation

CERTIFICATIONS

- Introduction to Internet of Things – NPTEL ([View Certification](#))
- Data Visualization – Tata Forage ([View Certification](#))
- Data Analysis Micro Degree – Edyoda ([View Certification](#))
- Geo-data Sharing and Cyber Security – ISRO ([View Certification](#))
- Robotic Process Automation (RPA) – 6-Day Student Development Program. ([View Certification](#))

ACHIEVEMENTS

- Certified in **SQL for Data Analysis** with strong query and data manipulation skills.
- Built a **Power BI dashboard** that cut reporting time by **30%**.
- Created a **CIE marks calculator in React**, used by **50+ students**.

EXTRACURRICULAR ACTIVITIES

- Strengthened teamwork, leadership, communication, and time management skills through team coordination and morale-building.
- Contributed to community service through Swachh Bharat, digital literacy, and volunteer teaching.