

# Birahadeeswaran S

*B.Tech CSE (AIML) – Aspiring ML /  
Full Stack Developer*

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## Summary

I'm a B.Tech CSE (AIML) student at SRM University with a strong passion for building AI-driven and user-friendly software. I enjoy working with Python, web development, and data-focused systems. I've developed projects like a hotel management system, a file system recovery tool, and AI-based applications that solve real-world problems. I'm always eager to explore new technologies, collaborate on impactful ideas, and push the boundaries of what's possible in AI and software development.

## Education

2023–2027 **B.Tech, Computer Science and Engineering with Specialization in AIML, SRM University,**  
Ramapuram.  
CGPA: 8.83/10

## Technical Skills

Languages Python, JavaScript, Java (Basic), C, C++, HTML  
Web / HTML, CSS, JavaScript, TensorFlow, EfficientNet  
Frameworks  
Data / ML NumPy, Pandas, scikit-learn, Matplotlib  
Tools Git, VS Code, MySQL, SQLite

## Experience

2025 (Intern) **ShadowFox – Web Developer, Remote, Client Project.**  
○ Built a responsive portfolio and an IPL fan page using HTML, CSS, JS.  
○ Developed a modern, responsive healthcare website using HTML templates and Flask backend.  
○ Delivered design and code as per client content document.

## Projects

F1 Race Data Dashboard ○ Flask app displaying 2024 F1 season data from YAML files with race cards, driver pages, and import scripts.  
○ Used SQLite + SQLAlchemy; created a data loader to normalize YAML race folders.

N-Queens Visualiser Animated solver with step-by-step placement, dark mode switch, and image export functionality.

## Certifications

DSA 30 Days Bootcamp  
MongoDB Basics  
Digital Image Processing  
NPTEL Certification for DBMS