

# Ajith V

Sullia, Dakshina Kannada

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## Objective

Computer Science and Business Systems graduate with internship experience in backend development and machine learning. Passionate about continuous learning and eager to apply my skills in an entry-level software engineering role to contribute effectively and grow further.

## Education

- **B.E. in Computer Science and Business Systems** *Aug 2021 – May 2025*  
Canara Engineering College, Benjanapadavu, Mangaluru  
**CGPA:** 8.06 / 10
- **Pre-University Course (PUC) in Computer Science** *June 2019 – March 2021*  
Rotary PU College, Sullia  
**Percentage:** 86.6%

## Skills

- **FrontEnd** : HTML, CSS, Bootstrap, JavaScript, React
- **BackEnd** : Java, Python, Spring Boot
- **Database** : SQL, MySQL, SQLite, MongoDB
- **Cloud & Tools** : Microsoft Azure, Power BI, Generative AI Tools (LLMs, Prompt Engineering)
- **Soft Skills** : Analytical Problem-Solving, Communication & Collaboration, Time Management, Adaptability & Continuous Learning

## Experience

**Java Developer Intern** *June 2025 – Present, Bengaluru*

*TAP Academy*

- Collaborating on backend development using Java and SQL, strengthening problem-solving through DSA.
- Building reliable and efficient applications with practical exposure to real-world projects.

**Python & Machine Learning Intern**

*February 2025 – May 2025, Mangalore*

*Lpoint*

- Developed a real-time face detection system with OpenCV + Telegram alerts, and KNN models for crop recommendation and diabetes prediction.
- Designed Streamlit applications and managed complete data workflows, including preprocessing, visualization (Matplotlib/Seaborn), and SQL querying.

**C Programming & DSA Training**

*October 2023 – November 2023, Bengaluru*

*QSpiders*

- Gained practical experience in C programming and core data structures.
- Enhanced problem-solving, teamwork, and communication skills through hands-on training.

## Projects

**AI-Enabled Leaf Disease Detection for Smart Agriculture**

- Developed an AI-driven system using **Convolutional Neural Networks (CNNs)** to detect and classify leaf diseases at an early stage.
- Improved disease identification accuracy to support farmers in crop management and decision-making.

**SecureMed: Crypto-Powered AI Platform for Healthcare Data**

- Built a secure healthcare platform integrating **AES, RSA, and HMAC** for data confidentiality and integrity.
- Implemented encrypted data sharing and verification workflows to enable safe exchange of medical records across stakeholders.

### CineReview: Movie Review & Rating Platform

- Developed an interactive web application using **HTML5**, **CSS3**, and **JavaScript** for movie discovery, rating, and review management.
- Integrated **TMDB API** for real-time movie data, implemented responsive design with local storage for user preferences and review history.

### Server Performance Monitoring & Optimization Pipeline

- Built end-to-end data pipeline using **Python** and **pandas** for ingesting, cleaning, and transforming server performance logs from multiple sources.
- Created interactive **Power BI dashboard** with KPIs, trend analysis, and uptime statistics to enable proactive server monitoring and resource optimization.

### Certifications

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- C Programming – IIT Bombay (Spoken Tutorial)
- CSS Training – IIT Bombay (Spoken Tutorial)
- Foundations of Cybersecurity – Google (Coursera)
- Mastercard Cybersecurity Job Simulation – Forage (Jul 2025)
- Microsoft Azure Fundamentals
- Web Development Fundamentals – IBM SkillsBuild

### Languages

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English — Kannada — Malayalam — Tamil