

AKHIL BALU

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EDUCATION

Gayatri Vidya Parishad College of Engineering (A)

June 2021 – May 2025

- Bachelor of Technology, Computer Science and Engineering (DS)
- CGPA: 8.54

SKILLS

- **Programming Languages** : Java, Python, C#
- **Frameworks & Development Tools** : .NET Framework, ASP.NET, Visual Studio
- **Database Management** : MS-SQL Server
- **Version Control** : Git, GitHub, VS code
- **Others** : Data Structures and Algorithms (DSA), OOPs
- **Soft Skills** : Problem-solving, Communication, Analytical Thinking

EXPERIENCE

Software Developer Intern – Demy Software Solutions (DSS)

July 2025

- Currently interning as a Software Developer Intern at Demy Software Solutions (DSS), undergoing training in .NET development. Gaining hands-on experience in C#, ASP.NET, and application development.

PROJECTS

Credit Risk Prediction Web Application

[WebApp](#) | [GitHub-Link](#)

- Developed a Application-based **Credit Risk Prediction** web app for bank management using machine learning models to assess customer creditworthiness.
- Integrated secure login authentication and enhanced UI with background imagery for professional presentation.

Interpretable Pneumonia Detection

- Created a deep learning model for detecting pneumonia from **DICOM** chest X-ray images aimed at aiding medical diagnostics.
- Utilized a modified ResNet-18 architecture, achieving high diagnostic accuracy and enhancing interpretability using **Class Activation Maps (CAMs)**.

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CERTIFICATIONS

- **Juniper Networks** - Juniper Networking Virtual
- **Hacker Rank** - Introduction to Programming Using Python

ACHIEVEMENTS

- **IBC Alt Hack** - Successfully participated in the technology and skill development program.
- **National Service Scheme (NSS)** - Branch Coordinator, Student Volunteer, social service initiatives.
- **Rotaract Club** - Participated in an arts and crafts competition

INTEREST

- Playing Cricket | Reading Books | Movies & Music