



GIRISHA

Roll No.:2511AI02

Artificial Intelligence

Computer Science and Engineering

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PROFILE SUMMARY

Software Engineering graduate student with strong foundations in **data structures, algorithms, operating systems, and database systems**, and hands-on experience building **scalable, cloud-based applications**.

Experienced in designing, developing, and testing software solutions using **C#, .NET, Angular, and Microsoft Azure**. Currently pursuing **M.Tech in Artificial Intelligence at IIT Patna**, with a keen interest in solving real-world problems through clean, efficient, and reliable software engineering practices.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (AI)	Indian Institute of Technology, Patna	7.52	2025-2027
B.Tech. (CSE)	Guru Nanak dev engineering college, ludhiana, Punjab	8.88	2018-2022
Senior Secondary	CBSE Board	88.2%	2018
Secondary	CBSE Board	91.2%	2016

EXPERIENCE

- Cognizant Technology Solutions India Private Limited** JULY 2023 - JULY 2024
Programmer Analyst Noida, India
 - Designed and developed a **responsive Angular-based web application** for structured data visualization, improving **usability and data accessibility**.
 - Applied **software engineering best practices** to build **maintainable and reusable UI components**.
 - Collaborated with **cross-functional teams** and incorporated feedback to enhance **application quality and performance**.
 - Actively learned new tools and technologies through **internal training programs**.
- Cognizant Technology Solutions India Private Limited** JULY 2022 - JULY 2023
Programmer Analyst Trainee Noida, India
 - Developed a **Healthcare Member Portal** using **ASP.NET Web API** and **Microservices architecture**, enabling secure **member registration, claim submission, and policy access**.
 - Implemented **JWT-based authentication**, secure password handling, and **database indexing** to improve **security and performance**.
 - Deployed applications on **Microsoft Azure**, ensuring **scalability, availability, and reliability**.
 - Performed **API testing** using **NUnit** to validate functionality and ensure **code quality**.
- Cognizant Technology Solutions India Private Limited** JANUARY 2022 - JUNE 2022
Full Stack Developer Intern Noida, India
 - Gained hands-on experience in **Angular, .NET 6, ASP.NET Web API, and MS SQL Server**.
 - Collaborated in a **team environment** to design and deliver **production-ready software features**.
 - Led a team of **five interns** to successfully deploy a project on **Microsoft Azure Cloud**, following structured **development and testing practices**.
- Ansh InfoTech** JULY 2021 - AUGUST 2021
Data Science Intern Punjab, India
 - Worked on **machine learning and data analysis** tasks using **Python**.
 - Contributed to **predictive modeling** projects using **real-world datasets**.

PROJECTS

- Smart Recruiting System** Jul 2021
 - Developed an **automated resume screening and ranking system** using **Machine Learning** and **NLP techniques**.
 - Implemented **scoring logic** to match resumes with **job descriptions**.
 - Tech Stack:** Python, Scikit-learn, NLP, Flask
- Covid-19 Mortality Rate Prediction** Jul 2021 – Aug 2021
 - Built a **prediction model** using **Random Forest**, achieving an **R² score of 86%**.
 - Applied **feature engineering, model tuning, and performance evaluation** techniques.
 - Tech Stack:** Python, Pandas, Machine Learning

KEY COURSES TAKEN

- Data Structure, Algorithms, DBMS, Machine Learning, Artificial Intelligence, Operating System, Data Science

KEY STRENGTHS

- **Strong problem-solving** and analytical thinking
- Solid understanding of **Data Structures and Algorithms (DSA)** and core computer science concepts
- Experience working in **collaborative team environments**
- Ability to **learn new technologies quickly** and apply them effectively
- Focus on **code quality, scalability, and reliability**

TECHNICAL SKILLS

- Programming: C/C++, C#, SQL, Python
- Tools & OS: Visual Studio 2022, VS Code, Postman, SSMS
- Frontend & UI: Angular, Bootstrap, HTML, CSS
- Technologies: .NET Web API, .NET 6, Azure, Microservices

CERTIFICATIONS

- [Build an App with ASP.NET Core and Angular from Scratch \(Udemy\)](#)
 - [Microsoft Azure Fundamentals: AZ-900](#)
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