

# U Giridharan

Bengaluru, Karnataka, India

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## EDUCATION

### MVJ College of Engineering

*Bachelor of Engineering in Computer Science* | **CGPA: 8.7**

**Dec. 2021 - May 2025**

*Bengaluru, Karnataka*

### Cambridge Pre-University College

*Class XII* | **Percentage: 94%**

**Jun. 2019 - Jun. 2021**

*Bengaluru, Karnataka*

## EXPERIENCE

### Machine Learning Intern

*Rooman Technologies*

**Sept. 2024 - Mar. 2025**

*Bengaluru, Karnataka*

- Implemented ML models using Scikit-learn and IBM Watson, covering regression, classification, and clustering techniques.
- Preprocessed and transformed data using Pandas, feature engineering, normalization, and encoding techniques.
- Worked with AI/ML pipelines, performing model evaluation, hyper-parameter tuning, and sentiment analysis.

### Software Engineering Intern

*Systecks Solutions*

**Nov. 2023**

*Remote*

- Collaborated with a team to integrate and optimize the catalog feature on an e-commerce platform, using Java & Springboot.
- Developed and deployed a URL shortening tool, improving user experience and engagement.
- Actively engaged in reading, editing, and creating comprehensive documentation, facilitating smoother team collaboration and knowledge transfer.

## PROJECTS

### CodeChoreo | *React, Typescript, Node.js*

[Link](#)

- Developed CodeChoreo, a real-time collaborative coding platform where multiple users can write and edit code together, with features like live synchronization, version control, and an interactive coding environment.
- Integrated an AI-powered chatbot to help users by providing code explanations, debugging assistance, and suggestions, making it easier to understand and fix errors quickly.

### JLox: A custom Java Interpreter | *Java*

[Link](#)

- Engineered lexical analysis, parsing, and tokenization in Java to seamlessly break down source code into tokens, ensuring accurate interpretation.
- Successfully supported diverse language constructs including arithmetic expressions, control flow statements, and variable declarations

### BookHaven | *Spring Boot, Thymeleaf, Alpine.js, Bootstrap, RabbitMQ*

[Link](#)

- Engineered a book-store web app with catalogue management, order processing, and real-time notifications using Spring Boot, RabbitMQ and Keycloak for secure authentication
- Built a responsive UI with Thymeleaf, Alpine.js, and Bootstrap, improving order processing efficiency.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C

**Web Technologies and Databases:** HTML, CSS, JavaScript, Typescript, MongoDB, MySQL

**Frameworks & Libraries:** React, Spring Boot, TensorFlow, Keras, NumPy, Pandas, Scikit-learn

**Developer Tools:** VS Code, Git, GitHub, Postman, Docker

## CERTIFICATIONS

- \* AWS Academy Cloud Foundation
- \* IBM Docker Essentials
- \* Google GenAI Study Jam