

# SRIMAN RISHI P

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## Education

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### KCE-Karpagam College of Engineering

B.Tech in Artificial Intelligence and Data Science

- GPA: 7.6/10.0
- **Coursework:** Foundational mathematics, Basic Programming(Python,Java), Data structures and design, Design and analysis of algorithms, Database management system, Introductory machine learning, MLops.

## Projects

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### Product Landing Page

Designed and developed a responsive Product Landing Page using **HTML5** and **CSS3**, focusing on clean UI/UX and modern web design principles.

### Vending Machine Order Processing

Developed a Java-based Vending Machine system to handle product selection, inventory management, and order processing through an object-oriented approach.

### Loan Approval Prediction

Leveraged Google Collab for initial model training and experimentation, then transitioned development to VS Code for advanced customization and code structuring.

## Skills

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- **DSA:** Working knowledge in designing and optimizing algorithms for arrays, linked lists, trees, graphs, and dynamic programming problems.
- **MLops:** Skilled in version control (Git/DVC), containerization (Docker), and CI/CD pipelines (Jenkins) to build reproducible ML workflows and deploy scalable model serving systems.
- **DBMS:** Proficient in relational databases, SQL, normalization, indexing, and transactions.
- **Web Application Development:** Skilled in building web applications using Servlet, JSP, Spring MVC, Spring Boot, and Hibernate, with experience in REST APIs, database integration, and scalable backend systems.
- **Programming Languages:** Working knowledge in Java and Python, with experience in software development, algorithms, and scripting.
- **OOPs:** Proficient in applying OOP principles (inheritance, polymorphism, abstraction, encapsulation) for scalable code design.
- **Data Science:** Skilled in data analysis, cleaning, visualization, and machine learning using libraries like Pandas, NumPy, and Scikit-learn.

## Achievements

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- Consistently solving problems on platforms like CodeChef, LeetCode and Code 360
- Earned several certificates from Coursera, Great Learning, enhancing skills in AI, Data Science and technology
- Regular participant in CodeChef weekly contests, improving problem-solving and algorithmic skills.

## Certifications

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- Certificate of completion for CI/CD for beginners
- Certificate of completion of Java training
- NPTEL certificate for soft skills
- Great learning certificate for Introduction To Internet Of Things