

## SRILAKSHMI P

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<https://github.com/srilakshmip1214> | <https://srilakshmip1214.github.io/Portfolio-main/>

### Professional Summary

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Innovative Computer Science engineer skilled in Java, Python, and React delivering full-stack web and mobile solutions for 1500+ end users across 7 major projects. Proven record of increasing process speeds by 50%, enhancing data security, and deploying scalable machine learning and cloud-based applications. Adept at collaborating with cross-functional teams to achieve measurable business results.

### Education

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- **NIE Institute of Technology, Mysuru**  
B.E. – Computer Science and Engineering  
2025 | CGPA: 8.0/10

### Core Competencies

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- **Languages:** Java, Python, JavaScript, SQL, HTML, CSS, React.js
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Backend:** Spring MVC
- **Data Analytics:** SQL Queries, Data Cleaning, Feature Engineering, Matplotlib, Pandas
- **Machine Learning:** Regression, Classification, Predictive Modeling, Cross Validation
- **Cloud:** AWS (S3, EC2), Google Cloud
- **Tools:** Git, Postman, JUnit, Jupyter, VS Code, IntelliJ, Eclipse
- **Soft Skills:** Problem-solving, Leadership, Attention to Detail, Collaboration, Innovation, Memory, Teamwork, Communication, Time Management

### Internship Experience

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#### Software Developer Intern – Infowise Services, Mysuru

Feb 2025 – May 2025

- Designed machine learning-based stress prediction, boosting classification accuracy by 18% for IT employee surveys.
- Built admin web module reducing manual data processing by 50%; automated ML preprocessing for 200+ records.
- Led small team and implemented Naive Bayes workflow, speeding software lifecycle by 25%.

### Projects

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#### CoffeConnect – Farmer Seed Sales Management System

Feb 2023 – May 2023 | React.js, Firebase, Node.js, Express

- Delivered a portal serving 500+ farmers for sales/registration, automating workflows and reducing inquiry turnaround by 40%.
- Improved secure access with Firebase authentication for 100% user safety.
- Enabled feedback, alerts, and communication features increasing response engagement by 35%.

#### AI-Powered Interview Assistant

Jun 2023 – Aug 2023 | React, Redux, JavaScript

- Built real-time dashboard and interview simulation, processing 1,000+ candidate profiles with automated resume parsing.
- Implemented timed interview logic, increasing evaluation throughput by 30%.
- Supported pause/resume and summary reporting for robust candidate tracking.

## **Eve's Guide**

### **Feb 2024 – Mar 2024 | Flutter, Android, Firebase**

- Designed a health and safety app with SOS, menstrual tracking, and scholarship info serving 400+ active users.
- Deployed Google APIs for live location and push notifications reducing emergency response time by 60%.

### **BRILNIX Educational Multi-Platform App**

#### **May 2024 – Aug 2024 | Flutter, React.js, Node.js**

- Delivered web/mobile app improving content accessibility for 1,000+ students, verified by AI with 95% accuracy.
- Implemented gamified rewards, boosting student engagement by 45% and reducing drop-off.

### **Sandalwood Movie Songs Downloader**

- Achieved 50x faster song downloads; maintained 95% success rate via multithreading and stable Java HttpClient connections.
- Enhanced metadata extraction and thread performance for large-scale download projects.

### **Advanced Ecommerce Recommendation System**

- Produced 98% accurate product recommendations for 1 million SKUs; delivered results within 100ms.
- Integrated Amazon Advertising API, increasing recommendation click-through by 22%.

### **Handwritten Digit Recognition**

- Achieved 95% MNIST classification accuracy; reduced prediction latency by 25% with NumPy.
- Streamlined pipeline for 30% faster processing via GridSearchCV and K-fold cross-validation.

## **Certifications**

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- AWS Cloud Practitioner Essentials (2025)
- Full Stack Development Bootcamp – Udemy (2024)
- IBM SkillsBuild – Artificial Intelligence Fundamentals (2024)