

# LAVANYA DAGANAYAKAR

## Web Developer and Software Engineer

GitHub: <https://github.com/Lavanya-Daganayakar> | [lavanya.6234@gmail.com](mailto:lavanya.6234@gmail.com) |

Portfolio: <https://lavanya-daganayakar-portfolio.netlify.app/> | LinkedIn: <https://www.linkedin.com/in/lavanya6234> |

### SUMMARY

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Passionate Software Engineer and Full-Stack Web Developer with strong expertise in Python, Java, JavaScript, and AI/ML. Skilled in building scalable, user-friendly applications using Django, React.js, Node.js, and Spring Boot with database proficiency in MySQL, MongoDB, and PostgreSQL. Experienced in developing real-world projects like credit scoring, event management, and portfolio websites. Dedicated to continuous learning and delivering impactful digital solutions.

### PROJECTS

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#### Project 1:

##### **Loanwise Web App**

A Django & Machine Learning-based web application that predicts users' CIBIL credit score with high accuracy. It also provides tailored bank recommendations, helping users make better financial decisions.

- **Tech Stack:** Django, Python (ML with Scikit-learn), MySQL, HTML/CSS/JS
- Django-based application predicting user's **CIBIL credit score** using Machine Learning.
- Provides tailored **bank recommendations** based on score.

#### Project 2:

##### **This Portfolio (Personal Project)**

A full-stack wedding planning platform built with React.js, Node.js, Express.js, and MongoDB. It features vendor booking, service exploration, and interactive tools to streamline event management and improve user convenience.

- **Tech Stack:** HTML, CSS, JavaScript, AOS, EmailJS
- Fully responsive **modern portfolio website**.
- Showcases skills, projects, and contact form with EmailJS integration

#### Project 3:

##### **Wedding Bliss Web App**

A fully responsive personal portfolio website built using HTML, CSS, JavaScript, AOS, and EmailJS. Designed with modern UI/UX, it highlights skills, showcases projects, and integrates a functional contact form for direct communication.

- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Bootstrap
- A wedding management platform for planning events.
- Features: Service exploration, vendor booking, and wedding planning tools.
- Includes multiple responsive pages (Home, Services, Gallery, Booking, Dashboard).

### INTERNSHIP

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#### **Virtual Internship – Software Engineering Job Simulation**

**Forage** | Apr 2025 – Sep 2025

Completed a comprehensive software engineering simulation, gaining hands-on experience in backend development and system integration.

- Designed and set up project architecture with a focus on scalable and maintainable code structures.
- Integrated Kafka for real-time data streaming and messaging between microservices.
- Implemented H2 database integration for lightweight, in-memory data storage during development and testing.
- Built and tested REST APIs and API controllers, ensuring seamless communication between system components.
- Enhanced problem-solving, debugging, and software design skills through real-world inspired tasks.

### EDUCATION

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Master of Science (**M.Sc.**) in Computer Science

Karnatak University, Dharwad – Karnataka, India

**Year of Completion:** [2025]

### TECHNICAL SKILLS

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• React.js • HTML • CSS • JS • Django • Node.js • MySQL • MongoDB • ML • Git