

# Mridula P *Software Engineer*

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## Professional Experience

### PYTHON DJANGO FULL STACK DEVELOPER INTERN

*Luminar Technolab Pvt. Ltd.*

2023/12 – 2024/11 | Ernakulam, Kerala

- Built and maintained web applications using Django, working on both backend and frontend features.
- Integrated third-party APIs for secure payment processing and social authentication.
- Worked closely with the design team to improve UI and overall user experience.
- Contributed to code reviews and ensured proper documentation of development activities.

### SOFTWARE ENGINEER

*Nano Kernel Ltd*

2024/10 – Present | Bangalore, India

- Backend development using **Python Django** for large-scale public transport management.
- Worked on integrating real-time scheduling logic with operator requirements.
- Developed **React + Next.js frontend** for an interactive and scalable user interface.

## Skills

### Programming Languages

- Python
- JavaScript
- HTML5
- CSS3

### Frameworks

- Django
- React
- Django REST Framework,
- Bootstrap

### Database Management

- MySQL
- PostgreSQL

### Web Development

- Front-end development
- Back-end development

### Version Control

- Git

### APIs and Integrations

- RESTful APIs
- API Integration
- Third-party services (e.g., Stripe, OAuth, Razorpay)

### Tools

- Visual Studio Code
- PyCharm
- Postman

## Profile

Passionate Software Engineer specializing in Python Django, with experience in building scalable and efficient web applications. Proficient in backend development using Django and RESTful APIs, with a strong foundation in frontend technologies such as React HTML, CSS, and JavaScript. Skilled in delivering high-quality, maintainable software solutions and contributing effectively to team success.

## Projects

### Depot Management System

- Developed an **integrated bus scheduling & planning system** as part of an Intelligent Transport Management System (ITMS).
- Backend: **Python Django** (scheduling logic, real-time data integration).
- Frontend: **React + Next.js** for a responsive UI.
- Enabled **automated scheduling with real-time updates**, improving efficiency and service quality.

### E-commerce Website

- Developed a fully functional e-commerce platform with features like user authentication, product catalog, shopping cart, and payment integration.
- Implemented email notifications for order confirmations and user communication.
- Utilized **Python, Django Framework, and Bootstrap** to deliver a seamless front-end and back-end experience.

### Job Portal Website

- Built a job portal platform to connect job seekers with employers, featuring job postings, search, applications, and user management.
- Implemented both front-end and back-end functionalities, demonstrating full-stack development skills.
- Technologies: **Python, Django Framework, Bootstrap**

### Library Management System

- Designed and developed a system to manage book cataloging, user accounts, borrowing, returns, and due date tracking.
- Improved efficiency by automating core library management processes.
- Technologies: **Python, Django Framework**

## Education

### Python Django Full Stack Development

*Luminar Technolab*

2023/11 – 2024/07 | Ernakulam, Kerala

Python, Django, RESTful APIs, Postman, HTML, CSS, JavaScript, Bootstrap, SQL

### Diploma in Computer Engineering

*Institute of Printing Technology & Government Polytechnic College*

2020/08 – 2023/07 | Palakkad, Kerala

### Higher Secondary

*Government Higher Secondary School, East Ottapalam*

2018/06 – 2020/05 | Palakkad, Kerala

## Certificates

### Luminar Technolab Software Training Institute

Python Django - Angular- Full Stack Web Development

### Riss Technologies

Industrial Training in PYTHON+ANDROID