

# NIVYA ROSE K I

Aspiring Software Developer | Cherthala, India  
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## SUMMARY

Passionate and detail-oriented Python/Django Developer with 2 years of experience in building responsive web applications. Proficient in REST APIs, SQL databases, HTML, CSS, and version control tools. Strong communication and team collaboration skills. Proven ability to manage full project cycles and deliver high-quality solutions.

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, C++, HTML, CSS

**Framework:** Django

**Database:** MySQL, MSSQL, PostgreSQL, MongoDB

**Web Technologies:** RESTful APIs, AppForms (Low-Code)

**Cloud:** AWS

**Tools and Platforms:** Power BI, Microsoft Excel, Git, GitHub

## SOFT SKILLS

- Analytical reasoning and critical thinking
- Effective communication and collaboration
- Time management and organizational skills
- Strong problem-solving ability
- Independent judgment and decision-making

## EXPERIENCE

### Software Analyst- L4

Claysys Technologies

June 2022 – May 2024

Kochi, India

- Developed and maintained web applications for leading banks in the USA, focusing on coding, database configuration, and API integration.
- Collaborated closely with cross-functional teams, ensuring alignment with project goals and client requirements.
- Played a key role in the MSSS project, receiving recognition for its successful implementation and performance.
- Utilized MSSQL for efficient database management and RESTful APIs for seamless communication within applications, including email and SMS notifications.
- Conducted comprehensive testing to ensure software quality, resolving critical bugs to improve performance.
- Documented technical requirements and specifications for future reference.
- Engaged in Agile methodologies (Scrum, Kanban), actively participating in code reviews and team discussions to improve project outcomes.

## PERSONAL PROJECTS

### Rose and Elegance

E-Commerce Website for Jewelry Store

Jan 2025 – Ongoing

Python, Django, MySQL, HTML, CSS, JS

- Developed an e-commerce platform with separate modules for Admin, Sellers, and Buyers to manage inventory, users, and orders.
- Implemented secure user authentication and role-based access using Django's User and Group models.
- Created CRUD functionality for products, with image uploads using Django's FileSystemStorage.
- Integrated payment simulation and developed cart and checkout flows with session management.
- Optimized MySQL queries using Django ORM prefetching and indexing to improve data load speed by 40 percentage.

### My Portfolio

Portfolio website

Feb 2025

Python, Django, HTML, JavaScript, CSS

- Designed and deployed a fully responsive personal portfolio website to highlight my technical skills, resume, and key projects.
- Implemented dynamic project listings using Django templating and integrated GitHub API to display live repositories.
- Used Django's built-in forms and URL routing to create a contact form with email notifications using SMTP.
- Optimized front-end with Bootstrap grid and media queries for cross-device compatibility.
- Deployed the site on Render with version control via Git.

## EDUCATION

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**Manipal University Jaipur**  
*MCA*

Jaipur – India(Online)  
*July 2024 – Expected completion:2026*

**Naipunnya School of management – University of Kerala**  
*BCA*

Cherthala, India  
*July 2019 – Apr 2022*

**St.Francis Assisi HSS Arthunkal**  
*12th*

Arthunkal, India  
*July 2017 – Mar 2019*

**G V Raja Sports School Mylom**  
*10th*

Trivandrum, India  
*June 2016 – Mar 2017*

## CERTIFICATIONS

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- Certificate of completion - Django Web Framework (Meta, 2025)
- Certificate of completion - Python Certified (Avodha, 2024)
- Certificate of completion - Power BI Workshop (be10x, 2024)
- Certificate of completion - Data Analytics Basic Quiz (Learntube, Feb 2024)
- Certificate of completion - Cloud Computing (Naipunnya, 2022)
- Certificate of completion - MS Office (Naipunnya, 2022)