

# SNEHA K

Full-Stack Python Developer · Kannur, Kerala

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LinkedIn

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LeetCode

## Summary

Python developer with 1+ years of professional experience building scalable software solutions. Passionate about writing clean, efficient code and solving complex problems through innovative technical approaches. Proven ability to deliver robust applications across multiple domains, with expertise in Python development and modern software engineering practices. Combining hands-on experience with continuous learning to implement best practices and optimize system performance.

## Skills

**Languages:** Python, JavaScript, Java, C, HTML5, CSS3

**Frameworks and Libraries:** Django, Django REST Framework, Flask, React, Next.js, Redux, Redux Toolkit, Material-UI, Bootstrap, Tailwind CSS, jQuery

**Containers:** Docker

**Tools and Platforms:** Git, GitHub, AWS EC2, AWS S3, AWS RDS, Route 53, Amazon Rekognition, Nginx, Gunicorn, Postman, VS Code, Figma

**Databases:** PostgreSQL, MongoDB, MySQL, Firebase

**Design and Prototyping:** Figma

**Additional Skills:** REST APIs, WebSockets, JWT Authentication, Payment Integration (Stripe, RazorPay), Agile Methodologies, CI/CD, GitHub Actions

## Experience

### CodeCarrots Technologies

### Software Developer

Dec 2024 – Jun 2025, Remote

- Developed 2+ full-stack applications using Python (Django) and React, ensuring seamless integration between frontend and backend.
- Built responsive web applications with React and Redux Toolkit, enhancing user engagement by 25%.
- Collaborated with cross-functional teams to design and implement RESTful APIs using Django REST Framework, improving data flow efficiency.
- Deployed applications on AWS (EC2, S3) using Docker, reducing deployment time by 20%.
- Implemented secure JWT-based authentication and role-based access control systems.
- Integrated Amazon S3 for efficient file storage and retrieval with high availability.
- Built facial recognition attendance system using Amazon Rekognition with real-time identification capabilities.
- Established CI/CD pipeline using GitHub Actions to automate build, test, and deployment processes.

## Projects

### EXPLORO: Collaborative Travel Platform — Frontend — Backend

2024

- Developed a full-stack travel booking platform with microservices architecture using Django and React, providing a modular and scalable solution.
- Engineered responsive UI with React, Redux Toolkit, and Material-UI, reducing bounce rate by 30%.
- Implemented WebSocket integration for live chat system and real-time booking updates with notification system.
- Used PostgreSQL for structured data storage, handling user profiles, trip details, and booking preferences efficiently.
- Deployed on AWS using Docker, Nginx, and Daphne for scalable cloud infrastructure with Stripe payment integration.
- Built comprehensive admin panel for travel leader approval and trip monitoring with dynamic filtering functionality.

### FRUITKHA: E-Commerce Platform — GitHub

2024

- Enhanced a full-featured e-commerce platform using Django with comprehensive product management and order tracking.
- Implemented core features: shopping cart, wishlists, coupon system, and product variants management.
- Integrated RazorPay payment gateway for secure transactions and automated email notifications.
- Designed PostgreSQL database schema for efficient product and user data management with role-based access control.
- Deployed on AWS with Docker containerization and implemented caching strategies for improved performance.

## Education

### Python Full Stack Development

2023 - 2024

Brototype, Kozhikode, Kerala

### Bachelor of Science in Computer Science

2020 - 2023

Kannur University, Kerala, India