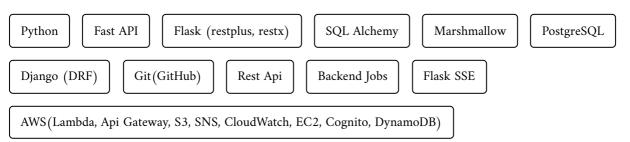
Arun Kumar Singh Python Developer

Profile

Highly skilled Python API Developer with 1 year and 8 months of professional experience seeking a challenging position in a dynamic organization. Committed to delivering high-quality software solutions and optimizing API performance to enhance user experiences. Strong problem-solving abilities and a collaborative approach to team projects.





Professional Experience

Factana Computing Private Limited

07/2022 - present | Bangalore, India

Python Developer

Shayam Future Technology

Python Django Developer

05/2022 - 07/2022 | Kolkata, India

Projects

Fogwing Vision (Quality Inspection) (07/2023-persent)

- 1.Created and configured the entire table structure and schemas for the Vision Device using SQLite3.
- 2.Developed seamless APIs by using Alchemy ORM for managing Orders, Products, Suppliers, and Order Inspections.
- 3.Implemented Server-Sent Events (SSE) to enable real-time photo rendering and display live counts for Goods and Rejections Orders.

Fogwing Asset Plus Management (CMMS) (11/2022-07/2023)

- 1.Built this application from scratch. Designed PostgreSQL database for the application and created all required tables with relationships using SQL Alchemy migrate functionalities.
- 2.Designed and developed complete API package of the application in two layers as Open APIs and Internal APIs using Fast API and Flask REST Plus frameworks respectively.
- 3.Applied all validations using Pydantic feature of Fast API and also used Marshmallow schema for database related validations.
- 4.Integrated ChatGPT Open APIs with our Fast API to auto generate checklists for a work order of an asset.
- 5.Secured all APIs using flask-jwt-extended and Prepared Swagger documentation and Redoc page for all Open APIs.

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Fogwing IoT Industries 4.0 (07/2022-11/2022)

- 1.Created APIs that enable seamless pagination and comprehensive search functionality across all pages.
- 2.Designed and developed an Api that stream real-time data from IoT Devices, displaying divers' datatypes.

3. Worked on Open Api by Using Fast API for Authorization, Application, Edge Devices, IoTHub, and Command.

Cerebral (e-commerce) (04/2022-07/2022)

- 1.Developed and implemented a web application using Django framework and PostgreSQL database, successfully building robust and scalable APIs.
- 2.Created API endpoints for trending sellers and deals of the day, providing users with real-time.

Education

Master of Computer Application (MCA) - Percentage - 76% Osmania University, Secundrabad	01/2020 – 01/2022 Hyderabad, India
B.Sc (Math) - Percentage - 72% Magdh University, Bodh Gaya	06/2015 – 06/2018 Patna, India
Intermidiate - Percentage - 70 Bihar School Examination Board, Patna	06/2012 – 06/2014 Patna, India

Canguages

English (Write and Speak) • Hindi (Write and Speak)

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