

# Hunny Jain

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## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, C, SQL, HTML, CSS

**Frameworks:** Django, Django REST Framework, FastAPI, Flask, Bottle, Scrappy, Bootstrap, Angular & React (Basic)

**Libraries:** Django Oscar, Requests, Beautiful Soup, Selenium, Pyecharts, PyQt5, Pandas

**Other Development Skills:** Web Scraping/Crawling, Web/Excel Automation, Shell Scripting, GUI Development

**Cloud Services:** AWS:- EC2, Lambda Function, SNS, S3 Bucket, CloudWatch Events, Glue Jobs

GCP:- PubSub, Cloud Functions, Cloud Monitoring, Cloud Storage, Cloud Logging, Firebase

## EXPERIENCE

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### Swan Softweb Solutions

Nov. 2022 – Present

*Python Developer*

*Ahmedabad, India*

- Migrated **40%** of monolithic architecture's back-end code to **micro-services architecture**, leveraging essential services from Google Cloud Platform. Upheld **Django REST standards**, crafting efficient, reusable, scalable code. Improved system performance, ensuring seamless adaptability for future advancements.
- **Reverse Engineered** multiple websites to maintain existing crawlers and developed new ones with **Scrappy**.
- Orchestrated a versatile service, generating 2D & 3D charts via **API & CLI**, leveraging Bottle and Pyecharts.
- Demonstrated **analytical expertise** through python & shell scripts, processing & storing vast datasets efficiently.
- Led junior developers in understanding **contracts**, implementing services, overseeing deployment, conducting code reviews for quality assurance and release, and ensuring comprehensive documentation of the development process.

### Softcube Technologies

Dec. 2021 – Nov. 2022

*Jr. Software Engineer*

*Ahmedabad, India*

- Developed **REST** and **WebSocket API's** using Django REST Framework, FastAPI and Django Channels.
- Designed and Developed admin **interfaces** for web and desktop applications using Django, JavaScript and PyQt5.
- Implemented an integrated smart home solution enabling **voice** and **remote control** functionalities for smart devices with Alexa SmartHome Skills and Google Action SmartHome with Node.js, AWS Lambda and Firebase.
- Created efficient web crawlers of **3 major** hotel websites utilizing requests, Beautiful Soup and Selenium.

### Pantech ProEd Pvt Ltd

Aug. 2021 – Oct. 2021

*Intern* 📄 📄

*Remote, India*

- Acquired Python skills and created projects covering various language concepts.
- Developed an AI chatbot application using DialogFlow and created projects involving detection and recognition using OpenCV and Deep Learning.

## PROJECTS

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### Rate Shopping | 🌐

Sep. 2023 – Present

- Empowers users to identify best deals across platforms, eliminating hassle of checking multiple sites.
- Developed REST API maintaining Django REST standards using ModelViewSet, PermissionMixin, Group, ModelSerializer, Routers, Nested Router, Custom Middlewares, Custom Pagination, and Custom Renderer.
- Implemented JWT authentication for seamless, secure user and admin logins, enhancing overall user experience.
- Built efficient web crawlers to extract rates and data, seamlessly storing information into PostgreSQL database.

### Fastapi Production Boilerplate | 🌐 50+ stars | 📄

Sep. 2022 – Dec. 2022

- Designed production level boilerplate for FastAPI and implemented secure Login and Register REST APIs with JWT Token Authentication for Admin and Client Apps, ensuring robust user management and data security.
- Authored an influential Medium article detailing the integration of Alembic Migrations with MySQL in FastAPI.

### More Personal Projects | 🌐

## EDUCATION

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### Gujarat Technological University

June 2017 – May 2021

*Bachelor of Engineering in Electronics and Communication*

*Gujarat, India*