UPENDRA SINGH

Full Stack Developer

Email:upendra.is.dev@gmail.com
LinkedIn: https://www.linkedin.com/in/upendra-singh-4342981a7/
Location: Indore, India

PROFESSIONAL PROFILE: -

I am a Full Stack Developer with 9+ years of experience in building scalable web and mobile applications. Specializing in backend development with Python, Django, DRF, Celery, Redis, and ElasticSearch, I have a strong focus on creating robust RESTful APIs and real-time data processing solutions. I also have expertise in front-end technologies like React and React Native.

Having worked on large-scale projects, including an OTT platform supporting 500+ channels, I excel in developing versioned APIs for multiple front-end applications. I am passionate about delivering high-quality, efficient solutions across all stages of the software development lifecycle.

TECHNICAL SKILLS: -

- **Backend Development:** Python, Django, Django Rest Framework (DRF), Celery, Redis, ElasticSearch, GraphQL

- **Frontend Development:** React, React Native, HTML5, CSS3, JavaScript (Vanilla JS)

- **Database Technologies:** PostgreSQL, MySQL, SQL Server

- **Cloud & DevOps:** AWS (Lambda, EC2, S3), Docker, Ansible, Terraform

- **API Development & Integration:** RESTful APIs, Versioned APIs, WebSocket, GraphQL

- **Version Control & Collaboration:** Git, GitHub, GitLab, Bitbucket, Jira

- **Testing & Quality Assurance:** Unit Testing, Integration Testing, PyTest, Django Test Framework

- **Tools & Frameworks:** Pandas, Plotly, AWS Lambda, Celery, Redis

- **Soft Skills:** Problem Solving, Agile Methodologies, Team Collaboration, Communication, Leadership

---

PROFESSIONAL EXPERIENCE: -

Senior Full Stack Developer | EzConnect
2019 – Present

- Leading backend development and architecture for large-scale SaaS solutions.
- Developed and optimized REST APIs using Django, DRF, Celery, and Redis.
- Integrated and deployed applications using AWS services (Lambda, EC2, S3).
- Worked on scaling applications to handle large volumes of data and users.

Remote Full Stack Developer
2015 – 2019

- Worked on several freelance projects, developing web and mobile applications for clients across different industries.
- Built end-to-end solutions with Python/Django for back-end and React for front-end.

RECENT PROJECTS:

Project: Zigway
Position: Backend Developer
Technologies: Python/Django, AWS Lambda
Discription: ZigWay is a fintech social enterprise that provides flexible, affordable loans and subscriptions for everyday goods and services via our mobile application.

- Key challenges of the project included managing real time data where it was coming from mobile apps, transferring large amounts of data and reconciliation data.
- Implemented and scaled an intensive credit model scoring each user by using AWS lambda
- Implemented 12 different formulas to calculate portfolio overview of the users.
- Here we created an image processing aws function to avoid fraud (Duplicate subscribers by using their photo).
- Key challenges of the project to make an ansible script for deployment, in this project we have multiple servers that script we are using to deploy applications on multiple servers.
- I have created more than 50 endpoints. For this project.

Project: Wow task
Position: Full-Stack Developers
Technologies: Django, DRF, Celery, Redis, AWS
Discription: Wow task is a Canadian online job portal similar to upwork or urban clap.

- Built 40+ endpoints across customer facing and other modules
- Customized django admin panel to be more usable by the operations team for managing the day to day of the platform.
- Built a one-to-one chat system.
- Used transactions to avoid incomplete data insertions, with auto refund feature.

Project: AzilSoftware health
Position: Backend Developers
Technologies: Python, Django
Discription: The application was used for home-monitoring of eye health through tools and various games.

- Helped scale the architecture to support 8 different games available across the application
- Managed storing data of different games and generating reports for the same by using pandas and plotly.
- Wrote 20 endpoints along-with unit test coverage across model, view and serializer level.

Project: Ezconnect
Position: Django Developers
Technologies: Python, Django
Discription:

- Created workflow to fetch data from sources such as (Sage Intact, NetSuite Analytics, SOAP API, SFTP, SQL Server).
- Manipulate the data dynamically based on user input script and send it to the target.
- Workflows could have been executed manually or scheduled to run automatically

---

EDUCATION: -

Bachelor of Engineering
SGSITS, Indore, Madhya Pradesh
Computer Science Engineering | 2012-2016