

Vinayak AV

vinayakav666@gmail.com / +91 9895625882
[Github](#) / [Linkedin](#) | Portfolio

Skills

Web & Software Development: Python, Django, Django REST, FastAPI, Javascript, HTML, CSS, Kafka, Celery

Database Technologies & Tools: Postgresql, Mysql, Redis, PostGIS, GeoServer, OpenLayers, Pandas

Cloud Technologies & Tools: AWS Ec2, AWS RDS, AWS Redis, Docker, Kubernetes, Linux, Git, Nginx, GCP

Work Experience

UL Technology Solutions Oct 2022 – Present

Python Developer

- Led a backend team in developing a large-scale data analysis platform, improving data interpretation capabilities for client.
- Collaborated with the UI/UX team to create a more intuitive user interface, resulting in a 15% increase in customer satisfaction.
- Conducted extensive code reviews and optimizations, ensuring robust and scalable software solutions.
- Spearheaded the integration of GIS-based technologies, facilitating more flexible and secure data management for clients

Project Work

Drishti- Intelligent Property Management System

- Orchestrated Drishti by utilizing cutting edge GIS technologies for precise asset and property mapping, improving operational efficiency by 40% and accelerating decision-making
- Handled large datasets and provided GIS based information integration for improved user interface
- Pioneered the adoption of Python 3.11 features within the team, leading to a 20% improvement in code maintainability and future-proofing the application suite

Castme by Cinesphere private limited

- Developed Castme, a movie casting automation platform using django and postgresql, deployed on an AWS Ec2 instance
- Integrated email-jet for email notifications and 2factor for multi-factor authentication, ensuring secure user interactions.
- Managed real-time recruitment and communication between producers and artists via the platform.
- Enabled artists to update personal data and post portfolios, allowing producers to easily recruit artists based on specific requirements.

Portfolio (Personal Project)

- Developed a dynamic portfolio website to showcase project details, implementing a model-view-template structure for efficient rendering
- Deployed the application on a cloud instance, ensuring reliable access and performance for users.
- Configured a custom domain and secured the site with HTTPS, ensuring both accessibility and security for the portfolio.
- Managed database schema changes effectively, allowing for smooth updates and versioning control.
- Python, FastAPI, SQLAlchemy, AWS RDS, AWS Ec2, Elastic IP, Nginx, Uvicorn, Certbot, Jinja, Duck DNS, Alembic

Education

Masters in Computer Applications

2024 - Pursuing Specialization: Cybersecurity

Bachelors of Science

2018- 2021 Specialization: Statistics

Awards and Certificates

- Python developer by Hacker rank
- Oracle certified cloud foundations associate by Oracle
- GCP Cloud SQL for MYSQL by Coursera
- Python-Web Development Expert (by NCTT)
- Oracle certified AI associate by Oracle
- GCP Fundamentals Core Infrastructure by Coursera

Additional Information

- Total Experience: 2 year (2.4 year with internship)
- Languages: English, Tamil, Hindi, Malayalam
- Relocation Preferences: Any
- Availability: 20 days to 30 days
- Willingness to Travel /Relocate: Yes