

# AKSHAYA STEPHEN

## SOFTWARE DEVELOPER - PYTHON

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### PROFESSIONAL SUMMARY

Python Developer with 5+ years of backend engineering experience, specializing in backend development and system architecture. Experienced in designing scalable backend components, building automation pipelines, and implementing robust backend solutions for web and enterprise applications.

### AREAS OF EXPERTISE

#### TECHNICAL SKILLS

- **Programming Languages:** Python, Java, SQL, JavaScript
- **Backend Frameworks & APIs:** Django, DRF, Flask, REST API, GraphQL
- **Front end Technologies:** HTML, CSS, Bootstrap, JavaScript, jQuery, ReactJS
- **Database Management:** MySQL, PostgreSQL, Python ORM
- **Version Control:** Git, GitHub
- **Deployment & DevOps:** GCP, AWS, CI/CD Pipelines, Docker, Monitoring, Logging
- **Tools:** VS Code/PyCharm, Postman/SwaggerUI, Figma, Jira, PowerBi

#### CORE COMPETENCIES

System Designing | Backend Engineering | Multi-Process Architecture | Monitoring & Deployment | Security & Data Protection | MIS & Reporting

### WORK HISTORY

#### Career Sabbatical | Skill Enhancement & Project Work

June 2024 – Present

- Built a full-stack real-time reminder app using ReactJS (Tailwind CSS) + Django Channels + Celery + RabbitMQ to deliver real-time push notifications and scheduled task execution.
- Created an end-to-end Airflow ETL pipeline with DAG to automate daily currency-rate extraction, transformation, and loading into PostgreSQL improving data processing efficiency by 40%
- Performed data cleaning, aggregation, and visualization using Power BI, showcasing data-engineering and analytics skills.
- Enhanced backend and GraphQL API design skills, system design, and modern practices including Docker, CI/CD, and cloud deployment.

#### Python Developer, Iza Medi Technologies Pvt. Ltd. | Chennai, Tamil Nadu

May 2023 – May 2024

- Contributed to end-to-end product development raising \$6M in funding from 360 One Asset Mgmt. Ltd.
- Enhanced software functionality through timely updates and user-driven feature improvements, reducing support tickets by 80%.
- Improved backend performance through query optimization improving response speed by 40%.

#### Python Developer, Seaant Web Technologies Pvt. Ltd. | Chennai, Tamil Nadu

Sept 2022 – Apr 2023

- Designed backend modules using ORM, Django and Flask, boosting a tourism app revenue by 30%.
- Collaborated with frontend teams to integrate user-facing elements using JavaScript and HTML5.
- Implemented secure API integrations and data protection mechanisms including JWT authentication.

#### Software Developer, MTL WebKing Technology Pvt. Ltd. | K.K Dist., Tamil Nadu

Dec 2020 - Aug 2022

- Engineered backend systems and databases for multiple B2B/B2C web applications.
- Managed software onboarding, troubleshooting, MIS reporting, and CSAT improvements.

#### Software Developer Intern, Intellize Software Solutions | Kochin, Kerala

Oct 2019 - Mar 2020

- Developed foundational expertise in Python, web tech, and version control (GitHub).

### EDUCATION

- **MCA**, James College of Engineering and Technology, K.K Dist., Tamil Nadu | Jun 2017 - May 2019
- **BCA**, Nesamony Memorial Christian College, K.K Dist., Tamil Nadu | Jun 2014 - May 2017