Syeda Nazia

Software Developer

Bengaluru, India | +91 9035522479 | syedanazia.sn19@gmail.com

in : www.linkedin.com/in/syeda-nazia | ⬡: github.com/SyedaNaziaGit

Professional Summary

Results-driven Software Developer with 3+ years of experience in building scalable, efficient backend systems using Python (Django, Flask, FastAPI, Tornado), RESTful APIs, and cloud technologies (AWS). Proven expertise in developing features for digital platforms, optimizing system performance, and mentoring junior team members. Strong understanding of Agile methodology and software development life cycle (SDLC).

Technical Skills

Languages & Frameworks: Python (Django, Flask, Tornado, FastAPI), JavaScript, HTML, CSS, AJAX, Node.js

Databases: MySQL, MongoDB

DevOps & Tools: Git, Docker, Kubernetes, Postman, CRON, Vim, VS Code

Cloud: AWS (EC2, S3)

System Design: High-Level Design (HLD), Low-Level Design (LLD)

Operating Systems: Linux, Windows

Methodologies: Agile (Scrum), JIRA

Professional Experience

Software Developer

LightHouse Technologies Pvt. Ltd. (QuickMetrix) | Nov 2020 – Oct 2023 | Bengaluru, India

QuickMetrix is a digital customer engagement platform with apps like Inbox, Reports, and Ticketing for social media monitoring and brand communication.

Key Contributions:

Reports App:
- Designed and developed an interactive Reports Dashboard with customizable widgets and Excel export functionality.
- Automated reporting with CRON jobs, eliminating 100% manual report generation.
- Integrated Microsoft Office 365 API to implement an email-based ticketing system.

Ticketing App:
- Built an Audit Logging system using FastAPI to track application events.
- Created reporting tables for better ticket visibility and split-parent ticket functionality for agent auto-assignment.

Inbox App:
- Enhanced analytics for millions of social media messages using Django and Tornado.

- Created a Trending Page using BeautifulSoup for data scraping (Google, YouTube, Twitter), reducing 95% manual effort.

Other Responsibilities:
- Participated in design, unit testing, and integration testing phases.
- Resolved VAPT vulnerabilities (CAPTCHA, password strength checker, email recovery).
- Mentored interns and led KT (Knowledge Transfer) sessions.
- Reviewed code, fixed bugs, and collaborated through the SDLC using Agile and Git.

Education
B.E. in Electronics & Telecommunication
Siddaganga Institute of Technology, Tumkuru — CGPA: 9.06 | 2018
Diploma in Artificial Intelligence & Machine Learning (Distance)
University of Hyderabad — 75.6% | 2022

Additional Information
- Actively contribute to internal knowledge sharing and mentoring.
- Interested in building scalable system design solutions and contributing to open-source projects.

Projects
- ShopOnTrends – E-commerce Platform (HLD + LLD)

  - GitHub: https://github.com/SyedaNaziaGit/ShopOnTrends-django-ecommerce-app
  - - HLD: Designed a layered architecture with client-server separation, load-balanced Django backend, REST APIs, and AWS S3 integration for media storage.
  - - LLD: Implemented user auth, cart, checkout, order tracking, and admin panel using Django ORM. Followed MVC architecture and DRY principles.

- Cab Booking System (HLD + LLD)

  - GitHub: [To be published]
  - - HLD: Defined system architecture including microservices (user service, driver service, ride service), Redis for location caching, and Kafka for event-driven updates.
  - - LLD: Designed classes for User, Driver, Ride, LocationService, and implemented ride matching logic with OOP best practices.

- ATM Simulation System (LLD)

  - GitHub: [To be published]
  - - LLD: Simulates ATM machine functionalities with classes like ATM, Card, Account, Transaction, and Bank. Designed for extensibility and testability, with clear error handling and separation of concerns.

- Social Media Analytics Dashboard (HLD)

  - - HLD: Contributed to the architecture of QuickMetrix dashboards used by major brands. Worked on scalable reporting pipelines, CRON job-based report automation, and API-based data integration using Office 365 and social media APIs.

Career Break

Oct 2023 – Present

- Taking a planned career break to upskill and focus on personal development.
- Working on system design projects.
- Enhancing technical skills in backend architecture, cloud services (AWS), Dev-ops and advanced Python development.
- Actively preparing for interviews and exploring new professional opportunities.