

# Dev Angiras

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## Professional Summary

Software Engineer with a proven track record in designing, building, and deploying large-scale distributed systems. Expert in backend development using Python and Django, focused on creating scalable, service-oriented architectures. Combines hands-on technical leadership with strong product acumen to deliver high-impact features for thousands of users.

## Core Skills

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Languages           | Python, Dart, C++, SQL                                                  |
| Backend             | Django, REST APIs, Celery, Redis, PostgreSQL                            |
| Frontend            | Flutter, HTML, CSS, Bootstrap                                           |
| System Architecture | Microservices, Role-Based Access, Queueing Systems                      |
| DevOps              | Nginx, Gunicorn, AWS, Firebase, Linux Server Management                 |
| Tools               | Git, VS Code, Android Studio, Xcode, MySQL Workbench, Jupyter Notebook  |
| Soft Skills         | Ownership, Product Thinking, Leadership, Communication, Problem Solving |

## Experience

### Lead Software Engineer & Product Lead – Namaste BHU

Feb 2023 – Present

Banaras Hindu University, Varanasi

- Architected and led the end-to-end development of "Namaste BHU," a university-wide digital platform serving thousands of students, faculty, and staff across web and mobile apps.
- Designed and implemented core backend features including grievance management, attendance logging, and UWD work requests using Django REST Framework and PostgreSQL
- Built a robust asynchronous task processing system with Celery and Redis to manage background jobs, such as tracking notification delivery and read status through AWS Pinpoint and FCM.
- Engineered and implemented a robust role-based access control (RBAC) system to manage permissions for thousands of distinct users across campus hierarchies.
- Managed the complete deployment pipeline using Nginx and Gunicorn on Ubuntu servers, ensuring high availability and orchestrating messaging for thousands of users via AWS Pinpoint and FCM.
- Drove technical strategy by collaborating with university administrators to define product roadmaps and used Google Analytics and Firebase Crashlytics to monitor system health and guide feature development.
- Mentored a team of junior engineers, leading agile development cycles and fostering a culture of code quality and ownership.

### Mobile Application Developer

Nov 2020 – Mar 2022

Shree Padmanabham Jewellers (SPJ), Varansi

- Developed and launched a Flutter-based mobile app, increasing in-store engagement by 40%.
- Integrated product catalogs, search, and live price via Firebase backend.
- Conducted regular updates and UX optimizations based on user feedback and crash reports.

## Education

### Master of Science in Computational Science and Applications (2021-2023)

8.71 CGPA

Banaras Hindu University, Varanasi, Uttar Pradesh

## Achievements

- Qualified UGC - National Eligibility Test (NET) for Assistant Professor in Computer Science and Applications.
- GATE 2023 qualified in Computer Science and Information Technology
- NPTEL Topper – Introduction to Programming in C (2023)
- CBSE Topper – Multimedia and Web Technology (2018)
- 2nd Place – Mathematics Relay, Sunbeam School (2018)
- 2nd Place – National Cyber Olympiad (2017)