

Akash Joshi



theskyspace.tech



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Akash



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EXPERIENCE

YELOW PAYMENTS PRIVATE LIMITED | SOFTWARE ENGINEER

May 2024 – Current | Remote

- **Engineer** a business rule engine to evaluate user creditworthiness, automating the calculation of ROI, loan amounts, and other financial parameters, **facilitating** the disbursement of **₹2 crore** in loans within **10 days** of launch.
- **Design and implement** the flagship lending gateway, enabling seamless frontend interactions through just three APIs. This **modular approach** supports multiple workflows, **enhancing** system flexibility and scalability.
- **Develop** a command-line interface (CLI) that streamlines the development process, enhancing code usability and reducing feature **delivery time by 45%**.
- **Automate** the pipeline for **sanction letter generation and loan agreement generation**, ensuring fast and accurate processing, which improves the overall loan approval workflow.

WEALIDES FINTECH PVT LTD | FOUNDING ENGINEER

Oct 2021 – May 2024 | Bangalore, India

- **Developed** the **backend API infrastructure from scratch** using **Django** and **NestJS**, enabling efficient and scalable operations for a fintech startup at its inception, supporting both **B2B** and **B2C** verticals.
- **Scaled** the backend infrastructure to support **1.2 lakh users**, leveraging **AWS services** such as **ECS, S3**, and **RDS**, and managed **PostgreSQL** databases to ensure **high availability**, **optimal performance**, and **data integrity**, directly contributing to total transaction value of **₹101+ crore**.
- **Implemented** and **configured CI/CD pipelines** using **Jenkins**, writing **Makefiles** and **Docker configurations** to automate build, testing, and deployment processes, while leveraging **AWS ECS, S3**, and **PostgreSQL** databases, resulting in faster feature releases and improved deployment efficiency.
- **Automated** repetitive tasks for graphic design and marketing teams, achieving a **90% reduction in human intervention**, significantly improving operational efficiency and saving time.

PROJECTS

NEOEDU - NEW WAY OF EDUCATION | DJANGO REST, FLUTTER, POSTGRESQL, AWS

Team Lead | 2023

- Created a dynamic learning product during a **36-hour hackathon**, prioritizing accessibility and personalized syllabus based on user skill levels.
- Integrated 24x7 doubt assistance using **generative AI for text (LLM)**, enhancing the learning experience with real-time support.

AWARDS

2022	Winner	UIA (UNESCO INDIA-AFRICA Hackathon)
2022	Winner	SIH (Smart India Hackathon)
2021	Finalist (Top 14)	Free Your Data Hackathon
2021	Winner	Biju's Computer Science Marathon

SKILLS

PROGRAMMING

Proficient:

C++ • Python • Typescript
SQL • CSS • HTML • Dart

Experienced:

Python • Dart • Typescript

Familiar:

JavaScript • Java • Shell

LIBRARIES/Frameworks

Django • NestJs • Flask •
Flutter

TOOLS/PLATFORMS

Git • AWS • Github Actions •
Heroku • Wordpress • Docker •
Jenkins

LeetCode - 100+ Questions

EDUCATION

BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

BACHELOR'S IN COMPUTER
ENGINEERING

Jan 2020- Present | Navi-Mumbai, India
Cum. CGPA: 9.1 / 10.0

KENDRIYA VIDYALAYA KOLIWADA

12TH PCM

May 2019 | Mumbai, India

Senior secondary education
Cum. 89.8%

REFERENCES

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