

Ronak Punase

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• ronak99.github.io/portfolio/

SUMMARY

Experienced backend engineer with 4+ years in designing, developing, testing, and deploying scalable cloud-based solutions across diverse platforms. Expertise in building high-quality production-grade APIs, collaborating on cross-functional teams, and driving innovation with modern languages and cloud-native technologies. Adept at integrating AI/ML capabilities and database architecture, with a passion for delivering robust, reliable, and performant backend services in fast-paced environments.

EXPERIENCE

Backend Software Engineer (Flutter & Platform)
PuStack • pustack.com

07/2021 – Present
Panipat, Haryana, India

- Designed, implemented, and deployed scalable backend APIs powering real-time video and chat features, supporting thousands of concurrent users with high availability.
- Integrated and maintained multiple databases including NoSQL solutions, optimizing data models and query performance for rapid, reliable production deployments.
- Led cloud-native application initiatives using containerization and CI/CD pipelines (**GitHub Actions**, Docker), automating testing, delivery, and infrastructure changes.
- Collaborated cross-functionally with engineering, DevOps, and product teams to deliver new features, ensure uptime, and drive continuous system improvements.
- Orchestrated deployment workflows with **Kubernetes**, enabling seamless rollouts and real-time monitoring of microservices.
- Developed and maintained native SDK integrations (e.g., video platforms), increasing platform engagement by 25% and enhancing developer productivity through automation.
- Researched, prototyped, and incorporated AI/ML-powered experiences (recommendations, chat assistants) leveraging frameworks such as **TensorFlow** and **LangChain**.
- Championed high standards for code quality, mentoring junior engineers and facilitating knowledge sharing to elevate team capabilities.

KEY PROJECTS

Majestic UI • Open Source • github.com/ronak99/majestic-ui

- Architected a reusable UI library for rapid product development in Flutter, leveraging modular design, theming, and maintainability best practices.

Skype Clone in Flutter • Production Prototype

- Engineered a scalable video calling application with cloud backend, robust API layer, and seamless integration of native SDKs.

Inquirely • AI Chatbot System

- Developed a custom AI-powered chat assistant backed by **LangChain** and API microservices, supporting conversational queries and real-time assistance.

TECHNICAL SKILLS

Languages: Python, Kotlin, Java, Go, Swift, Dart

Frameworks: TensorFlow, LangChain, Node.js, Flutter, ReactJS, Next.js

Databases: Redis, MongoDB, PostgreSQL, Firebase

DevOps: Docker, Kubernetes, GitHub Actions, Terraform

Cloud: Cloud-native development and deployment, CI/CD, Automated testing

Other: API Design, Microservices, Scalable systems, AI/ML Integration

EDUCATION

Bachelors of Engineering • RGPV University • Bhopal, MP • 2021 • GPA: 4.25/5.0