Krish Mittal

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Projects

HouseRizz - A Home Interior Marketplace with AR and AI integration — **India**
Founder & Sole iOS Developer | SwiftUI, Firebase, CloudKit, ARKit, Replicate — *Apr 2024 - Present*

- Engineered advanced AI feature for Image-based Home Redesign, achieving 95% accuracy in style matching
- Developed AR feature using ARKit for product placement and rotation, boosting user engagement by 40%
- Implemented Firebase Authentication and CloudKit, reducing load times by 30%
- Designed core marketplace features: product catalog, cart functionality, UPI payment integration across 13 platforms
- Launched vendor portal for product management, onboarding 5+ vendors
- Crafted admin dashboard, enhancing workflow efficiency by 25%
- Secured $150,000 in Azure cloud credits through Microsoft Founders Hub
- Expanded team from solo effort to 9 members, including 2 web developers, 1 AI developer, 3 marketers, and 2 partnership specialists

AiryAI - Chatbot, powered by Google and Gemini API — **India**
iOS Developer | SwiftUI, Gemini API, Firebase — *Mar 2024 - Apr 2024*

- Integrated email and translation features using GeminiAPI, increasing user engagement by 30%
- Implemented secure Firebase storage for user conversations, reducing data retrieval time by 40%

FriendsRai - SOS & Emergency Locations & Numbers — **India**
iOS Developer | SwiftUI, Firebase — *Mar 2024 - Apr 2024*

- Engineered real-time SOS messaging with Firebase, reducing emergency response time by 30%
- Designed user-friendly SwiftUI interface, improving app usability by 20%

Skills

iOS Development: Swift, SwiftUI, Combine, CoreData, CloudKit, Firebase, AVFoundation, ARKit, PhotoKit, MapKit
Technical Skills: Python, Quantum Computing, UI/UX, API Integration, Figma, Oracle Cloud Infrastructure
Version Control: Git, Github | **OS**: Windows, MacOS | **Other**: Content Creation, People Management

Relevant Work Experience

Paanduv Applications — **UP, India**
Software Engineer Internship (Quantum Computing & Python) — *Oct 2023 - Jan 2024*

- Led UI redesign for AMPravah, driving 40% surge in user engagement
- Developed quantum computing software, enabling 50% faster data processing
- Optimized fullstack processes, earning positive feedback from 95% of early adopters

Education

Birla Institute of Technology and Science (BITS) PILANI — India
Bachelor of Science in Computer Science — *Jan 2023 - Jan 2026 (Expected Graduation Date)*
Relevant Coursework: Data Structures and Algorithms, Software Design, Object Oriented Programming

Licenses & Certifications

Oracle Cloud Infrastructure 2023 Certified Architect Associate — Oracle, Issued Aug 2023
Skills: Cloud Computing, Oracle Cloud

Redis RU202 Certificate | Redis University — Redis, Issued Jan 2024
Skills: Redis, Databases

Positions of Responsibility

Purahan Foundation — **India**
Founder — *Apr 2024 - Present*

- Organized health camps treating over 1000 patients
- Led team of 15 doctors, nurses, and volunteers

QuantumGrad — **India**
Community Manager — *Aug 2022 - Apr 2024*

- Launched innovative online quantum computing curriculum, attracting 500+ students in first month
- Established partnerships with 5 universities, increasing brand visibility by 40% in academic community