

# Rudraksh Rankawat

Bengaluru, Karnataka

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## EDUCATION

**Birla Institute of Technology and Science (BITS), Pilani**

*Bachelor of Science in Computer Science*

Remote

*Expected 2026*

**Scaler School of Technology**

*Specialization in Software Engineering and AI/ML*

Bengaluru, KA

*Expected 2027*

## TECHNICAL SKILLS

**Languages:** Python, Go, TypeScript/JavaScript, Java, Swift, SQL

**Frameworks:** FastAPI, Django, Flask, React, React Native, Node.js, Express, Go-Gin

**Tools & Platforms:** Docker, Git, GitHub, VisionOS SDK, ARKit, Reality Kit, Celery, CrewAI

**Databases:** PostgreSQL, MySQL, MongoDB, Strapi.js, Supabase

## EXPERIENCE

**Kivio Technologies**

*Software Development Intern*

June 2024 – Sept 2024

*Remote*

- Engineered a scalable eCommerce mobile application using **React Native** and **Node.js**, implementing seamless navigation and state management.
- Integrated **Strapi.js** CMS to manage dynamic product data, reducing content update turnaround time by 40%.
- Collaborated with Product Management and cross-functional teams to define feature roadmaps and ensure seamless backend-frontend integration.

## PROJECTS

**AutoSec Agent** | *Python, CrewAI, FastAPI, Celery, React, GitHub API*

- Developed an autonomous multi-agent system using **CrewAI** to detect critical security threats in Pull Requests before deployment.
- Orchestrated specialized agents for SAST, dependency scanning, and architectural review, managed by a supervisor agent for structured reporting.
- Built an asynchronous processing pipeline using **FastAPI** and **Celery** to chunk and analyze large PR diffs efficiently.
- Implemented automated inline commenting on **GitHub PRs**, providing actionable remediation guidance directly to developers.
- [Link](#)

**Qrush (Vedantu Hackathon Winner)** | *Node.js, Express, Supabase, React*

- Architected a real-time collaborative revision platform allowing students to quiz peers and generate AI-driven summaries.
- Implemented live websocket connections for instant Q&A interaction and utilized **Supabase** for scalable data persistence.
- [Link](#)

**Wall Panel Visualizer (Apple Vision Pro)** | *Swift, VisionOS SDK, ARKit*

- Built an Augmented Reality application for UrbanCompany to visualize interior design elements using vertical plane detection.
- Implemented advanced scene reconstruction and occlusion to ensure realistic rendering of wall panels in physical environments.
- [Demo Video](#)

## INTERESTS

**Areas:** Product Strategy, Product Management, Rapid Prototyping, Hackathons, AI Agents