

Rohit

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High-agency developer experienced in building **Webapps**, **ML pipelines**, and **AI integrations**. Comfortable contributing across stacks and learning new technologies fast.

Skills

- **Languages:** Python, JavaScript, C/C++, Solidity **Frontend:** React, TailwindCSS, HTML, CSS
- **Backend:** Flask, Node.js, REST APIs **ML/AI:** TensorFlow, PyTorch, OpenCV
- **Databases/CMS:** MongoDB, Supabase, Sanity **Dev Tools:** Git, Docker, Postman
- **Expertise:** Machine Learning, Web Development, Automation, Computer Vision
- **OS:** Arch Linux, Ubuntu, Windows

Professional Experience

Boundspec

Software Developer Engineer — Apr 2025 – Present

- Built role-based dashboards for **doctor-patient booking** system with dynamic UI/UX.
- Developed **core features for Rydr**, a biker community app — club creation, feed with maps.
- Integrated **Sanity CMS** for dynamic content across Prajna and Boundspec websites.
- Contributed full-stack features for production apps, using **React Native + Supabase**.

Celebrare

Remote Python Developer Intern — Nov 2024 – Apr 2025

- Developed **automated image processing pipelines** using Python and OpenCV.
- Rewrote **face recognition pipeline** from Python to C++ achieving **5–8x performance gain**.
- Optimized vision models, reducing **average processing time by 91.11%**.
- Maintained **99% accuracy**, added support for multiple orientations/formats.

Projects

Fynl-It

Next.js, Supabase, Gemini AI, TailwindCSS

- Fullstack tool to **automate invoice follow-up emails** with progressive AI tone.
- Integrated **secure payment detection** using Razorpay UPI.

On-device Semantic Segmentation WebApp

React, Python, TensorFlow

- Real-time satellite image analysis via **lightweight U-Net model** in-browser.
- Led **R&D + GPU deployment pipeline** for inference at the edge.

Web3 Referral Platform Landing Page

Next.js, TailwindCSS

- Created responsive, animated landing page for blockchain referral startup.
- Built reusable and performant UI components.

Achievements

Smart India Hackathon 2024 Finalist

- Finalist in national hackathon; built **WebGIS solution for ISRO**.
- Used Meta's **Segment Anything Model v2** for precise satellite image segmentation.

Certifications

- **Intermediate Machine Learning**, [Kaggle](#) Sep 2023
- **Machine Learning Explainability**, [Kaggle](#) Sep 2023

Education

B.Tech in Computer Science

2021–2025 — 6.0 SGPA

Dr. A.P.J. Abdul Kalam Technical University, Lucknow, UP