Sherikar Om Revanappa

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PROFESSIONAL SUMMARY

Full-stack developer and ML engineer with production experience building scalable web apps and AI systems using React/Next.js, Node.js, AWS, and Deep Learning. Delivered 3+ features with 25% engagement uplift and 95%+ accuracy in computer vision models. Passionate about real-time AI inference.

EXPERIENCE

Software Developer Intern *Aug 2025 – Oct 2025*
devifyX — Remote (Bengaluru)

- Built 5+ full-stack features with React/Next.js and Node.js, boosting user engagement by 25% via frontend optimization.
- Developed 15+ reusable TypeScript UI components, cutting dev time by 30%.
- Designed 8+ RESTful APIs and PostgreSQL models, supporting 1000+ daily requests at 99.9% uptime.
- Implemented CI/CD with Docker and GitHub Actions, reducing deployment time by 50%.
- Collaborated in 4-member Agile team using Git workflows to deliver scalable, maintainable code.

KEY PROJECTS

Intelligent Beam Analyzer *Jul 2024*
⌗ GitHub
- Achieved 95% accuracy in structural integrity prediction using TensorFlow on 500+ samples.
- Reduced material costs by 30% with optimized load-distribution ML model.
- Built Tkinter GUI, improving analyst efficiency by 40%.

Smart Attendance System *Oct 2024*
⌗ GitHub
- Managed 1000+ records in SQLite with 99.9% uptime and zero data loss via offline sync.
- Improved query speed by 60% using indexing and optimization.
- Delivered MVP in 2 weeks using Agile and Git in a 3-member team.

Advanced Face Recognition System *Dec 2024*
⌗ GitHub
- Achieved 95% real-time accuracy using OpenCV, MediaPipe, and data augmentation.
- Reduced inference time by 40% with feature engineering and preprocessing.
- Prototyped 5+ deep learning models in Jupyter/Colab for research and optimization.

EDUCATION

B.Tech in Information Technology *2024–2028 (expected)*
Rajiv Gandhi Institute of Petroleum Technology — Jais, Uttar Pradesh
CGPA: 8.21/10.0 — Relevant: DS, Algorithms, ML, Computer Vision, Deep Learning

TECHNICAL SKILLS

Languages:	Python, C, C++, TypeScript
Frameworks:	React/Next.js, Node.js, TensorFlow, PyTorch, OpenCV
ML Pipeline:	Data Preprocessing, Feature Engineering, Model Training, Deployment
DevOps:	Git, Docker, AWS (EC2, SageMaker), CI/CD, Agile
Tools:	VS Code, PyCharm, Jupyter, Flask/FastAPI, PostgreSQL, Redis

LEADERSHIP & ACTIVITIES

Sponsorship Executive, E-Cell *2024–2025*
RGIPT — Jais, Uttar Pradesh

- Led 5-member team to secure INR 50,000+ in event sponsorships using data-driven pitches.
- Organized 3 events (500+ attendees), coordinating marketing, logistics, and tech teams.