Krithik Srinivas

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EDUCATION

St. Joseph's Institute of Technology <div align="right">Chennai</div>
B.Tech Artificial Intelligence and Data Science <div align="right">*Expected August 2026*</div>

EXPERIENCE

Summer Intern <div align="right">July - August 2024</div>
Valeo India Pvt. Ltd. <div align="right">*Chennai*</div>
- Gained hands on experience with IS SSC team in delivering effective IT services including user support, system administration, data analysis, and process improvement.

Full Stack Developer Intern <div align="right">December 2024 - March 2025</div>
Adrig AI Technologies <div align="right">*Chennai*</div>
- Entrusted with significant responsibilities on production-level projects, mirroring the role of a full-time developer.
- Developed and deployed full-stack solutions for various critical applications, notably contributing to a large-scale project for Southern Railways of India.

Full Stack Developer Intern <div align="right">March - Present 2025</div>
Authenta (Phosphene.ai) <div align="right">*Chennai*</div>
- I primarily focused on backend development and DevOps practices. My responsibilities included designing, developing, and maintaining robust server-side logic and APIs using Nest.js.
- I gained hands-on experience with its modular architecture, dependency injection, and various modules, contributing to the creation of scalable and maintainable backend services.
- In parallel, I actively contributed to DevOps initiatives. A significant achievement included helping to write a Docker container with LocalStack (to emulate AWS), making the application fully deployable on clients' diverse infrastructures reducing the dependence on AWS and other cloud providers while still having the ease of use of such tools.

ACHIEVEMENTS

Smart India Hackathon Finalist <div align="right">December 2024</div>
Software Edition
- Designed and developed a platform to empower students to enhance their entrepreneurship skills.
- Developed a web application using Next.js, featuring a robust backend with Google Sign-In, tracking and analytics, and media upload capabilities.

PROJECTS

Pitch Deck | *TypeScriptNext.js, Prisma, MongoDB, Clerk* <div align="right">December 2024</div>
- The **Pitch Deck Practice Platform**, a web application designed for students to hone their pitching skills.
- This project was developed as part of the **Smart India Hackathon 2024**, evolving from an LMS to meet the judges' requirements.

Real Time Face Tracker with custom built Dataset | *Python, OpenCV, TensorFlow* <div align="right">October 2023</div>
- A **Real-Time Face Tracker** that leverages deep learning to detect faces efficiently. It utilizes the Single Shot Detector (SSD) architecture with TensorFlow and OpenCV.
- This project provides clear steps to **create and integrate your very own dataset** for training the model. I initially created a diverse dataset of 90 images (including some without faces for noise) and then expanded it to approximately 4,000 images using labelme for annotation and albumentations for data augmentation

TECHNICAL SKILLS

Languages: JavaScript / TypeScript, Python, SQL / NoSQL
Frameworks: Nest.js, Next.js, React, Express.js, Node.js, Flask, FastAPI
Developer Tools: Git/Github, Postman, Docker
Cloud: AWS, GCP
Others: PostgreSQL, MongoDB, MySQL