

SUBASH KRISHNAN

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TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, SQL, HTML/CSS, Bash, Kotlin

Frameworks: TensorFlow, OpenCV, Flask, REST APIs, Firebase, Three.js, Scikit-learn, WebXR

Developer Tools: Git, GitHub, Docker, Android Studio, VS Code, MySQL, Google Cloud, Cloudflare

Core Concepts: Computer Vision, AI/ML, WebAR, API Integration, Agile Development, OOP, DSA

WORK EXPERIENCE

Ifame Infosoft Technologies

Coimbatore, TN

AI Intern

Jun 2025 - Jul 2025

- Built and optimized AI-driven 3D model generation pipelines using TensorFlow, OpenCV, and Python, improving reconstruction accuracy by 20% and reducing processing time by 15%.
- Integrated cloud-hosted APIs for WebAR visualization using Three.js and Firebase, improving real-time rendering speed by 25%.

Capital Soft Tech Private Limited, Bangalore

Bengaluru, KA

AI Intern

Jan 2025 - Feb 2025

- Developed and trained ML models and Deployed models to Google Cloud and optimized data preprocessing pipelines, resulting in a 30% reduction in latency and faster inference speeds.
- object detection and image classification using TensorFlow, Scikit-learn, and Python, achieving 92% model accuracy on test datasets.

IMAC Software Technology, Chennai

Chennai, TN

Python Intern

Jun 2024 - Jul 2024

- Designed and developed Python-based automation scripts for data handling and reporting, reducing manual workload by 40%.
- Built and integrated REST APIs for database interaction, improving system performance and query response times by 25%.

PROJECT EXPERIENCE

AI-Driven 3D Model Generation & AR Visualization

Feb 2026 - May 2026

- Developed an AI-powered pipeline using TensorFlow, OpenCV, and Python to generate 3D models and deployed them via Firebase Cloud, enabling QR-based WebAR visualization and improving model loading time by 30%.
- Integrated Three.js and WebXR APIs for immersive AR experiences with cross-platform compatibility.

Face Liveness Detection System

Oct 2025 - Dec 2025

- Designed and implemented a real-time face liveness detection system using TensorFlow, OpenCV, and computer vision techniques, achieving 95% detection accuracy.
- Enhanced security by integrating an AI-powered authentication pipeline, reducing spoofing attempts by 40%.

Student Information System

Jun 2025 - Aug 2025

- Developed a role-based Student Information System using Python, Flask, MongoDB, and REST APIs, enabling secure management of student, faculty, and administrative records through authentication and access control.
- Built RESTful APIs and optimized MongoDB operations for efficient student and staff data management.

EDUCATION

Sri Sai Ranganathan Engineering College

Coimbatore, TN

Bachelor of Engineering in Computer Science

Graduation Date: May 2026

CIRTIIFICATIONS

Software Engineering Job Simulation — JPMorgan Chase (Forage)

Create Generative AI Apps on Google Cloud — Google Cloud Skills Boost