

Shubham Baid

shubhambaid99@gmail.com ❖ +91-9939236719 ❖ Bengaluru, India

WORK EXPERIENCE

Sparkcognition Inc

May, 2022 – Present

Senior AI Engineer

Bengaluru, India

- Leading the development of the School Safety Suite of VAIA, with use cases like firearm detection and person re-identification across different cameras.
- Leading a team of AI Engineers and guiding them to adapt right practices for streamlined development and timely deliverables.
- Designed a resource-efficient computer vision pipeline for partner's low-power ARM hardware, optimizing for limited CPU (50%) and RAM, incorporating hardware-level enhancements and model quantization.
- Led the development of a gamified auto-image annotation tool, optimizing dataset preparation and model training efficiency through innovative architecture.

Integration Wizards Solutions

Dec 2021 – May 2022

Senior AI Engineer

Bengaluru, India

- Engineered an ALPR solution featuring rapid acceleration and minimal resource consumption, currently in deployment across thousands of cameras worldwide.
- Contributed to the development of use-cases and the training of diverse computer vision models, ensuring quality assurance and HSE compliance for leading global industries.
- Honored as a 'Rising Star' for delivering significant contributions across multiple projects in a remarkably short timeframe.

Integration Wizards Solutions

June 2021 – Dec 2021

AI Engineer

Bengaluru, India

- Skillfully adapted Neural Network architectures, including YOLO and EfficientDet, tailoring them to perfectly suit specific use-cases.
- Expertly trained and deployed custom computer vision models to enhance hygiene protocols and COVID compliance at scale, benefiting India's largest FMCG warehouses.

EDUCATION

REVA University

Aug, 2021

B.Tech, Computer Science and Engineering

Bengaluru, India

- Outstanding Cumulative GPA of 8.4/10.
- Distinguished as the "Best Outgoing Student" in 2021.
- Founded and led the Hackathon Club, overseeing the successful organization of two national-level hackathons with participation from across the country.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Tensorflow Certified Developer, Jetson AI Specialist, Intel Edge AI Specialist
- **Skills:** Computer Vision, Deep Learning, HPC, C++, Python, OpenCV, Tensorflow, Pytorch, ONNX, TensorRT, Docker, ARM NN, Linux
- **Interests:** Hackathons, Art and Creativity, Physical Fitness, Continuous learning