

Vinod Karanthothu



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Summary

Highly-skilled and motivated software engineer with 2.5 years of total experience , 2 years in developing Camera AI and Video Analytics software applications.

Experienced Python developer with strong skills in Flask, Django, REST-API.

Experienced in creating Docker Containers leveraging existing Linux Containers and containerising the Python applications.

Experience



Senior Software Developer

ZestIoT: IoT/AI powered connected operations platform

Jul 2021 - Present (11 months +)

Working on developing NoCode AI Computer Vision platform focused on automating the tedious and repetitive code development needed for any computer vision model.

Tech Stack: Linux, Docker, Python, Flask, RabbitMQ, Redis, OpenCV, MySQL, Nginx



Software Developer

ZestIoT: IoT/AI powered connected operations platform

Aug 2020 - Jun 2021 (11 months)

Developed edge application for Camera AI products.

Tech Stack: Linux(Raspbian), Python, Flask, HTML, Bootstrap, MQTT, Nginx



Software Development Intern

Corteva Agriscience

Jun 2019 - Feb 2020 (9 months)

Developed REST APIs using Python, Flask, and Web UI with Angular 5 for GeneFamily (GFam 3.0), a bioinformatics tool to search and analyse gene and protein data.

Tech Stack: Python, Flask, MySQL, and Angular. REST API, AWS: EC2, S3.



Microsoft Student Partner

Microsoft

Nov 2015 - Jan 2017 (1 year 3 months)

One of the on-campus student ambassadors to lead the student tech community and develop technical and career skills for the future.

Tech: Microsoft Azure Fundamentals.

Education



Blekinge Institute of Technology

Master of Science (M.Sc.), Software Engineering

2017 - 2019

ECTS: 90/120



Jawaharlal Nehru Technological University

Bachelor of Technology (B.Tech.), Computer Science

2013 - 2017

Licenses & Certifications



Codility Golden Award (Future Mobility) - Codility

Issued Sep 2018 - Expires Sep 2022



FPGA Based Embedded Systems Covering Swadeshi Microprocessors -

NATIONAL INSTITUTE OF ELECTRONICS & INFORMATION TECHNOLOGY
(NIELIT)

IEP-OLC 2594

Skills

Python (Programming Language) • Flask • Django • Django REST Framework • Linux • Ubuntu •
RabbitMQ • Redis • Docker Products • Amazon Web Services (AWS)