

# Kanad Naleshwarkar

Master's student in Computer Science

An avid learner motivated to solve complex problems and to explain complicated topics in an easy way. Keen interest in understanding new researches in Artificial Intelligence, Deep Learning and Computer Vision.

✉ kanad.naleshwarkar@gmail.com

📍 Blacksburg, VA

🌐 [linkedin.com/in/kanad-naleshwarkar-003506148](https://www.linkedin.com/in/kanad-naleshwarkar-003506148)

☎ +1 (540) 605-0209

📄 [kanadn.github.io/](https://kanadn.github.io/)

🔄 [github.com/kanadn](https://github.com/kanadn)

## EDUCATION

### Master of Engineering in Computer Science Virginia Tech

01/2023 - Present

Courses

- Advanced Machine Learning
- Software Engineering

### Bachelor of Engineering

#### Modern Education Society's College of Engineering, Pune

2016 - 2020

7.56 CGPA

Course

- Computer Engineering

### Higher Secondary School

#### AES's Arts, Commerce and Science College, Hingoli

2014 - 2016

80.62%

## PERSONAL PROJECTS

#### Hotel Management System (2021)

- A Spring Boot application that displays hotel room vacancy status along with guest information. Deployed the application in a Docker container and pushed the image on [Docker Hub](#).

#### AR Sticky Notes (2019 - 2020)

- Undergrad capstone project. An Android app that uses Augmented Reality and Computer Vision to augment digital sticky notes to the real world.

#### Hack The Mystery (2020)

- A mystery game for internal college fest developed using SQL and PHP.

## WORK EXPERIENCE

### Software Developer

#### Hansen Technologies

11/2020 - 12/2022

Pune, India

Hansen is a global provider of software and services to the energy, water and communications industries.

Achievements/Tasks

- Worked on the service provisioning product. Responsibilities included developing adapters written in Java that communicate with the legacy as well as the latest components in product suite.
- Worked on containerizing the product with Docker, managing containers with Kubernetes, scaling them with multiple nodes, and deploying the product on AWS.

### INVITED TALK

#### Webinar on Innovative and Collaborative Approaches for Scaling Capstone Projects

08/2022

Modern Education Society's College of Engineering, Pune

Online

Topic

- Introduced undergraduate students to various approaches useful for scaling capstone projects. Covered concepts on REST APIs, Docker, Kubernetes and Jenkins.

## SKILLS

Java

C++

Python

Git

GitHub

Docker

Kubernetes

Maven

Postman API Platform

LaTeX

## ACHIEVEMENTS

#### ACM's ICPC Asia Amritapuri Onsite Contest (2017 and 2019)

Passed the online round and participated in the on-site round of ACM's International Collegiate Programming Contest (ICPC) hosted by Amrita School of Engineering, Amritapuri, Kerala in 2017 and 2019.

#### Second rank in Code Fiesta at Digital Renaissance (03/2019)

Intra-college competitive programming competition conducted in association with the Computer Society of India (CSI).

#### First rank in ALGOHOLICS (03/2018)

Intra-college competitive programming competition.

## PUBLICATION

#### A Comparative Study of Various Key-Point Detector-Descriptor Algorithms for Augmented Reality Applications (05/2020) [↗](#)

International Conference on Emerging Trends in Engineering and Technology (ICETET), Nashik

## CERTIFICATES

#### Deep Learning Specialization (08/2020) [↗](#)

Online course offered by Coursera covering topics like Neural Networks, Computer Vision, Natural Language Processing, Speech Recognition, etc.

#### Learning Docker (01/2021)

An online course offered by LinkedIn covering essential topics in Docker.

#### Learning REST APIs (06/2021)

An online course offered by LinkedIn covering REST APIs

#### Learning Spring with Spring Boot (06/2021)

An online course offered by LinkedIn covering essential topics in the Spring Boot framework.

#### Learning Kubernetes (08/2021)

An online course offered by LinkedIn covering essential topics in Kubernetes.

## LANGUAGES

English

Full Professional Proficiency

Marathi

Full Professional Proficiency

Hindi

Limited Working Proficiency

## INTERESTS

PC Gaming

Reading

Trekking