


# Ninad Gaikwad

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## Summary

I love what I do. I can count myself among the lucky few who have gotten into their dream career. Software development isn't something that I just do as a job, I do it on the side as a hobby as well. The high that you get from successfully creating something digital is unique, especially if it hasn't been done before. In terms of experience I have been all over the place. I started off as an angular intern for 4 months where I built the admin module for the app. Then I discovered python, and a whole new world of opportunities opened up. It could do everything from web development and OS automation to Machine learning and data science. My first python project (a university credits project) was a face recognition software that detected, extracted, trained on and predicted faces. Pretty basic as far as ML is concerned but extremely satisfying.

Then I started working as a Python developer. Our team was using AWS for deployment. 3 months later I got myself an AWS developer associate certification. With the combination of python, AWS and bit of ML, everything was possible. I started doing hobby projects with all of these (you can find these on my personal website ninads.com). Due to my enthusiasm I started getting POC requests from other teams. Some of the more interesting projects I have done for are:

1. An Alexa App for customer service.
2. An NLP bot that detects service provider requirement from comments and suggests correct provider from DB (Python and spacy NLP)
3. A cross cloud platform (Azure and AWS) application for Salesforce Backups.
4. A PDF data extractor and document filler (python, AWS Textract, pdfminer, pypdf2)
5. A covid mask detector (Python, Tensorflow, AWS deeplens, AWS Sagemaker)

I keep adding to this list, it isn't every project I have done, just the ones I have found most interesting.

## Experience

### **Cloud Engineer**

IVL | InfoVision Labs

Aug 2020 - Present (8 months +)

Architecting, developing and Deploying multiple applications on AWS and Azure.

Work for financial domain clients and ensure best security standards for applications to pass the FINRA compliance standards.

The services I use in Azure: Functions, Virtual machine, cosmosDB, storage blobs, key vault, Active Directory.

The services I use in AWS: Lambdas, EC2, S3, cognito, dynamoDB, step functions, redshift, cloudformation, cloudwatch, cloudfront, API Gateway, comprehend, Rekognition, Textract, Sagemaker, Alexa, Secrets Manager, codecommit, codebuild, codedeploy, Amplify, ECS, IAM, SQS, SNS, SES

### **Business Technology Analyst**

ZS

Apr 2020 - Aug 2020 (5 months)

Built an application to create SQL test queries for QA purposes (Uniqueness Check, Null Check, Join checks etc).

Worked on creating refined datasets for client using Paxata



## **AWS Python Developer**

IVL | InfoVision Labs

Jul 2018 - Apr 2020 (1 year 10 months)

Certified AWS Python developer: Involved in multiple projects as AWS python developer.

Using Cognito, IAM, S3, ECS, Lambda, Comprehend and Textract as an AWS admin user.

Also worked on Python flask backend on another project.

Working on NLP (Machine Learning) application using both AWS comprehend as well as a new ML model for custom entity recognition.

Was one of the first people to utilize Amazon's new textract preview. Pointed out bug in documentation to amazon for same.

Worked on S3 object lock and archiving using glacier.

Created entire authentication system using AWS Cognito and federated identity (open ID) for SSO with Salesforce.

Used multiple data manipulation libraries like numpy and pandas for data warehousing.

Used ML libraries like Tensorflow, Keras, NLTK and spacey.

Implemented the ELK stack locally connected to AWS cloudfront logs.

Automated daily manual task of file movement saving multiple hours of bandwidth for other employees.



## **Developer**

Divisional Commissioner Office (Pune Division)

Dec 2017 - Jan 2018 (2 months)

Developed a Results Framework Document on google drive.



## **Frontend Developer (Angular 4)**

IVL | InfoVision Labs

Jun 2017 - Sep 2017 (4 months)

Paid Intern as angular 4 developer

Was solely responsible for developing admin module of the application

Worked with SCRUM (AGILE) development process.

After conclusion of internship was offered and accepted work from home till conclusion of project.

## **Education**



### **Symbiosis Institute of Computer Studies and Research**

Bachelor's degree, Information Technology

2012 - 2016



### **Bharati Vidyapeeth**

Msc Advanced IT, Information Technology

2016 - 2018



**Hutchings High School**

10th

## Licenses & Certifications



**Amazon Web Services Developer - Associate** - Amazon Web Services (AWS)

Issued Jul 2019 - Expires Jul 2022

LDSMB71CGB1EQ6WC



**Microsoft Certified: Azure Fundamentals** - Microsoft

Microsoft Certified: Azure Fundamentals

## Skills

Amazon Web Services (AWS) • Machine Learning • Python • Web Development • Android Development • Project Management • Cloud Computing • Databases • MongoDB • Amazon S3

## Honors & Awards



**Tech Wiz Award** - IVL Global

Nov 2019

Awarded for outstanding technical know-how