# Felicia Sharon

I am a motivated and personable 2023 B.Tech CSE graduate from VIT University with 9.14 CGPA. I was a former SDE Intern at Amazon who worked under the domain AWS – Computer Vision. I'm an organized and dependable candidate successful at managing multiple priorities with a positive attitude. I have the willingness to take on added responsibilities to meet team goals. I'm interested to work on challenging projects that will utilize my interpersonal skills, problem-solving mind and my time conscious approach to deliver on commitments. I'm hardworking, skillful and passionate with strong organizational skills that will help the team achieve it's targets.

## Contact

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## Skills

**CODING:** Python, C/C++, Java, Javascript, HTML/CSS, PHP, MySQL, Hadoop, R, Node.js, Angular, TypeScript

**TECHNICAL:** Data Structures and Algorithms, Statistics, Machine Learning, Data Analytics, Amazon Web Services (EC3, CloudWatch, CloudFormation, IAM), Blockchain, Computer Vision, Deep Learing, GAN, Full Stack Development, Test Automation, DevOps, REST, React, Keras, TensorFlow, Git

**GENERAL:** Problem Solving, Logical Thinking, Interpersonal, Organisational skills, Positive Attitude

## Industry Interaction

- **LTIMindTree 2023**
  Completed 3 months internship under Cloud Services

- **NetAPP - Innovathon 2021 – 2022**
  Completed a project 'Smart Eye' under 4 months mentorship program in AI domain

- **FarmWise AI**
  Multi scale Polygon Matching for Geo Referencing Agriculture lands

- **Amazon**
  Amazon Machine Learning Summer School 2022

## Extracurricular

Accomplished pianist and have cleared Grade 5 from Trinity College London.
Plays Chess and have represented school in various tournaments. Also interested in Badminton. An animal lover and enjoy bringing up pets.

## Education

- **2019 - 2023**
  B.Tech Computer Science and Engineering
  VIT Chennai
  CGPA : 9.14

- **2018- 2019**
  Class XII, CBSE Board
  St. John's Public School, Chennai
  Percentage : 90.2

- **2016 - 2017**
  Class X, CBSE Board
  St. John's Public School, Chennai
  CGPA 10.0

## Experience

**Amazon | Bangalore, Karnataka, India**
Jan 2023 - June 2023
Software Development Engineer Intern
Joined Amazon as a 6-month SDE Intern working under the domain AWS-Computer Vision. Worked with a team that was developing an API service called 'AWS-Textract'. Amazon Textract is a machine learning (ML) service that automatically extracts text, handwriting, and data from scanned documents. Textract provides 4 APIs Analyze ID, Analyze Expense ,Analyze Lending and Bulk Document uploader. Deployed Test Automation- Canary, Unit Testing, Integration testing and Load testing for the 'Bulk Document Uploader' API in the pipelines. Worked with AWS services such as AWS Cloud Formation and AWS CloudWatch to view the output and metrics for Canary and Integration Testing. Also worked with other AWS services like S3, IAM Roles and Permissions to validate the availability of the usage of the Textract API and resource accessibility for various users. Reviewed and raised a lot of CRs. Worked on modifying the pipeline to cut tickets to the respective teams automatically and raise alarms in case of any issues.

## Projects

- Smart surveillance framework using IOT and Computer Vision
- AI based Smart Online Shopping using Market Basket Analysis
- Automatic Face Recognition and Face Mask Detection using AI
- Hadoop-IoT Framework for Real Time Weather Prediction using Machine Learning Algorithms
- Secured FileZip – File Encryption and Compression algorithm
- Solving Multi-class imbalance using Deep Learning Techniques(GAN)
- Text to image Converters using Stack-GANs

## Publications

IoT Framework for Real Time Weather Monitoring using Machine Learning Techniques, IEEE Explore 2023, https://ieeexplore.ieee.org/document/10156901