Garvit Kothari

J-206, Abode Valley, Potheri, Kanchipuram Dst. - 603203
Email: me@garvitkothari.in, garvitkothari1@gmail.com, **Phone:** +919302289000
Website: garvitkothari.in

OBJECTIVE

A software engineering enthusiast, self-driven and highly motivated to solve the problems of tomorrow. Applying with intention to gain experience and in-depth knowledge and expertise in software development environment to improve my skill-set and mould myself as an asset to future prospects.

EDUCATION

Bachelor of Technology

SRM Institute Of Science And Technology	CGPA 7.5/10 or 82%	2017-Present
12th grade, Shiv Jyoti Senior Secondary School		2017
10th grade, Sarala Birla Academy		2015

RESEARCH INTERESTS: Neural Networks, Image Classification and Recognition

COURSEWORK TAKEN: Data Structure,Algorithm Design and Development,DBMS,Object Oriented Analysis and Design,Software Architecture and Design

INTERNSHIPS

Student Developer at CSoD 19, CRIO.DO, Bengaluru   **May 27, 2019 – Jun 22,2019**

Criodo empowers developers through 'work-like' Micro-Experiences, with real world problems in an environment optimized for learning.

- Implementation of Backend System

QEATS

A Food Ordering Application which uses MVC architecture and RESTful APIs

- Built Backend System by implementing connections to database (MongoDB) and RESTful APIs using Spring Boot Framework

Software Trainee, Innodeed Systems, Bhilai   **June 11, 2018 – June 27, 2018**

Innodeed is a centre for everything technology-solutions related. Their aim is to help businesses grow in their target markets with the best available technology and meticulously formulated strategy, diligently brewed with suave execution. Innodeed provides software, applications and web solutions to a wide range of companies across verticals. They are committed to helping businesses to grow by sharing knowledge, blogs, organising demos, sponsoring events and offering unconditional service and support.

- Real Working Environment, Several Technologies daily used in professional setting

Shape Recognizer
Recognition of shapes drawn by children using Convolutional Neural Network for classification

- Custom dataset generation (Image) for number plate detection system and shape detection system, Pre-processing of dataset and its annotations, Conversion of data into prescribed formats

PROJECTS

1. QR Generator
To Generate QR (Quick Response) code from a simple text data

- Java, Maven
- 100% correct QR generation

2. Image to PDF
To enable students to easily create reports from screenshot of ELAB (An Auto evaluation tool for Programming Languages)

- Python, OpenCV, Tkinter
- Successful PDF report generation

3. Question Paper Generator
To enable teachers to easily, automatically create Question Papers without any hassle from a pre-existing question bank

- Java, Maven, JavaFx
- Successful Question Paper Generation

4. Flower Classification
To Accurately classify 5 flowers from Image input using CNN

- Python, Tensorflow, Keras, OpenCV, Pandas, Matplotlib, Numpy
- Got an accuracy of 98%

5. Python Scripts for data science
To create a repository of python scripts for data science applications such as data pre-processing and cleaning

- Python, OpenCV, Pandas, Numpy

6. Courier Tracking System
To create a DBMS project connecting MySQL and show data in a GUI Application and apply CRUD operations

- Java, MySQL, Java Swing, Maven
- Correctly all data is displayed and all CRUD operations are working

7. Parken
To create UML documentations for a smart parking system which automatically manages and allocates parking spaces

- UML diagrams, SRS documentation

8. **Chanson**

To create all documentations for a music streaming platform.

- UML diagrams, SRS documentation

9. **Smart Home**

To create architecture and designs for good implementation of smart home system

- Client-Server Model, application of design tactics for better designs

10. **Simple Encryption**

To create a simple custom cipher technique for data encryption

- C++

COURSE PROJECT

Cat Recognition

To accurately implement Logistic Regression for classification of cat or not cat in an input image

- Python, Numpy, OpenCV
- Accuracy of 94%

WORKSHOPS

- 2-day Cyber Security Workshop organised by Software Association, SWE, SRM IST
- Cognitive Computing Workshop organised by Aaruush, SRM IST
- 5-day Short Term Training Program with hand-on deep learning application in NLP and Computer Vision organised by Software Association, SWE, SRM IST

CERTIFICATIONS

- 2020 Complete Python Bootcamp: From Zero to Hero in Python, Udemy
- What is Data Science? ,IBM on Coursera
- Programming in C++, Somitel Computers

TECHNICAL SKILLS

Operating Systems: Linux, MS Windows, Ubuntu
Programming Languages: Java, Python, C++, C
Database and Client/Server Technologies: MySQL, MongoDB,
Software Tools: Git, JMeter, Apache Maven, Gradle, Docker
Others: TensorFlow, Spring Boot, Java Swing, OpenCV

AWARDS AND EXTRA CURRICULAR ACTIVITIES

- Bronze Medal, Duke of Edinburgh's Award

VOLUNTEERING EXPERIENCE

- Charity drives and clothes distribution for BLOOMING BEACON NGO

HOBBIES

- Exploring new places
- Quiz competitions
- Exploring new foods
- Reading adventurous and thrilling stories, novels

LEADERSHIP EXPERIENCE

- Public Relation for Aaruush Technical Festival
- Member, Software Association, SRM IST

LANGUAGES

- English
- Hindi
- French