

Antony J Malakkaran

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SKILLS

LANGUAGES

5000 lines:

Python • JavaScript | TypeScript • Java • HTML | CSS

1000 lines:

C • PHP

FRAMEWORKS

1000 lines:

Angular | Ionic • React • Bootstrap • Spring Boot

Familiar:

Hibernate • Flask • Django • Express.js

DATABASE

MySQL • MongoDB • OracleDB

TECHNOLOGY

Over 1000 lines:

Machine Learning • Web Development • UI/UX Design

Familiar:

Android • Ethical Hacking

TOOLS

Docker • Figma • GitHub • Actions on Google • Firebase • Dialogflow

CERTIFICATES

- IBM Blockchain Foundation for Developers
- Neural Networks and Deep Learning
- Machine Learning with Python: A Practical Introduction
- Ethical Hacking
- Basics of Scrum, Agile and Project Delivery
- Introduction to MongoDB
- Angular 9 Masterclass with TypeScript, Firebase, Material
- Learn Bootstrap 4: Create Modern Responsive Websites

ACHIEVEMENTS

- **1st Prize** CSI InApp International Student Project Awards 2021
- **CERD funded** final year project
- Paper published in **ICSCCC 2021**
- Merit Award in **Mathematics**
- Student Ambassador : **TECHGIG**
- Student Ambassador : **The OpenCode Foundation**

EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER | INCTURE TECHNOLOGIES

July 2021 - Present | Bangalore, Karnataka

- Implemented feature which allows users to create **custom chart** based on user-selected columns in the database.
- Implemented **REST API** to interface with the **AbbyyFlexiCapture OCR tool**

DATA SCIENCE INTERN | TCS

May 2020 - Jun 2020 | Remote

- Built EmotAI, an ML-based system that **detects different emotions** from textual comments & feedback, which can also **handle abbreviations**.
- Uses stacked model consisting of **Bidirectional LSTM & MultinomialNB**.

SOFTWARE DEVELOPER INTERN | WIINNOVA SOFTWARE LABS

Aug 2019 - Sep 2019 | Kozhikode, Kerala

- Built Todo [TaskManager], a new tool for **dividing, assigning tasks & tracking projects** for the project execution team.
- Uses **Slack API** for Authentication & **PHP REST API** for interfacing with DB.
- Tested company's product **FEEDBACQ**

SOFTWARE DEVELOPER INTERN | ZINEMIND TECHNOLOGY

Jul 2019 - Jul 2019 | Kochi, Kerala

- Built Minitacts, a contact look tool for ZineMind on top of the **Angular PWA**.
- Provided authentication through **Gmail, Google account & DB with Firestore**

EDUCATION

B.TECH IN COMPUTER SCIENCE AND ENGINEERING (HONORS) |

9.44 CGPA

Rajagiri School Of Engineering And Technology | July 2017 – July 2021
APJ Abdul Kalam Technological University

HIGHER SECONDARY EDUCATION | 9.73 CGPA

HSS Arimpur | July 2015 – July 2017
State Board

SECONDARY EDUCATION | 9.0 CGPA

Kendriya Vidyalaya Puranattukara | July 2005 – July 2015
CBSE

PROJECTS

MRI2PET | FINAL YEAR PROJECT

- Developed a cross-modality synthesis model that generates PET counterpart from MRI of the same subject using **Pix2pix architecture**.
- **3d convolution network** for classifying subject to Alzheimer's disease class

LIBMA | DEPARTMENT LIBRARY PROJECT

- An Effective library management app that turns the mobile phone into a complete library management system with a **QR scanner** for book issuing.

LETZQUIZ | GOOGLE HOME APPLICATION

- A **voice-assisted** application that provides children with interactive quizzes & helps to reduce the time children spend on the visual devices.