A person wearing glasses and a white shirt

Description automatically generatedUdaya Krishnan M A blue text on a white background

Description automatically generated Programmer Analyst Trainee.

Email ID: 2318467@cognizant.com

Mobile: +6362563001

Address: AF1, Seeralamma Flats, Mettu Street, Seneerkuppam, Chennai 56, Tamil Nadu.

**CAREER OBJECTIVE**

    Looking forward to associate myself with an organization, where there is an opportunity to share, contribute and upgrade my knowledge for the development of self and organization served.

**WORK EXPERIENCE**

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Description automatically generated **Programmer Analyst Trainee | 01’Dec’2023 – Present**

Currently undergoing training program on JAVA, SQL programming courses, gaining strong core and technical knowledge in these courses.

**ACADEMIC QUALIFICATION**

* **Saveetha Engineering College.**

BE, Electronic & Communication Engineering | Aug 2019 – 2023 | CGPA – 8.2

* **St Joseph’s Matriculation Higher Secondary School, Poonamallee.**

Class 12TH HSC | 2018 – 2019 | 482/600(CS-Maths)

* **St Joseph’s Matriculation Higher Secondary School, Poonamallee.**

10TH SSLC | 2016 – 2017 | 484/500.

**PROFESSIONAL SKILLS**

* Software tools known: Working knowledge in INTELLIJ, ECLIPSE, VSCODE & REPLIT.
* Programming skills known: JAVA, REACT, HTML, CSS, JAVASCRIPT, PYTHON, MySQL & JDBC.
* Adapting to any environment or culture.
* Ability of willingness to learn new things.
* Ability to work independently or as a part of a team.
* Hard worker and has the ability to motivate myself and others.
* Good at oral and written communication

**PROJECT WORKS**

* **Real Time Communication System Powered by AI for Specially Abled**

               Software: Python, Cloud.

The main goal is to create an application that helps the specially abled person to communicate easily with the normal people.

* [**SD Card Interface Using FPGA for Multimedia Applications**](https://ieeexplore.ieee.org/document/10009420/)

               Software: Verilog HDL

The main concept that FPGA acts as control unit managing the data transfer between the SD card and the multimedia device. The goal is to increase the efficiency and performance of data storage retrieval for multimedia applications.

* [**Hybrid Algorithm for Large Scale in EV Routing and Scheduling Optimization**](https://www.sciencedirect.com/science/article/pii/S1877050923021117)

               Software used: Python & libraries.

The main objective is to optimize EV routing scheduling with hybrid 2-Opt and PSO metaheuristics for efficient energy use, shorter commute times and improve fleet management.

**ACHIEVEMENTS**

* Certified **“Programming in Java”** and **“The Joy of Computing Python”** from NPTEL.
* Published papers in **IEEE, Elsevier** and **Springer** conferences and journals.
* Participating in Leet Code challenges.

**WORKSHOPS & CERTIFICATIONS**

* Completed Accenture Developer Program certified course conducted at Forage Platform.
* Completed Cloning Twitter bootcamp organized by Coding Ninjas.
* Completed Cloning Hotstar bootcamp organized by DevTown.

**PERSONAL DETAILS**

* Languages known : English, Tamil, Hindi, Telugu.
* Domain Interests : Programming, Developer.
* Hobbies : Playing chess, cricket and listening to music.

**DECLARATION**

I hereby declare that the above-mentioned details are true to my knowledge and belief.

A close up of a signature

Description automatically generatedYours faithfully