ASHOK V

+91 7561860286 | vashok915@gmail.com | linkedin.com/in/vashok915/ | github.com/ashokv915

EDUCATION

Govt. Model Engineering College   Thrikkakara, Ernakulam
Master of Technology in Computer Science - Image Processing   *June. 2020 – April 2022*

Nehru College of Engineering and Research Center   Pambady, Thrissur
Bachelor of Technology in Computer Science and Engineering   *Aug. 2014 – April 2018*

EXPERIENCE

Assistant Professor-Contract   June 2022 – May 2024
Govt.Model Engineering College Thrikkakara   *Ernakulam*
- Handled Algorithm Analysis and Design, System Software, Microprocessor Lab
- Examcell member

Project Trainee   October 2021 – May 2022
Bosch Global Software Technologies   *Bangalore*
- Developed a data validation tool
- Unit testing of various applications

Junior Software Engineer   Februvary 2019 – May 2020
Ndimensionz Solutions and Private Limited   *Kochi, Ernakulam*
- Developed a Spark-streaming application for real-time tracking
- Integrated Apache-ignite with Apache Spark
- Installation and Configuration of Big data ecosystem on AWS
- Developed python scripts for conducting various kinds of analytics on Big data like CDR

Data Analytics Intern   November. 2018 – February 2019
Ndimensionz Solutions Private Limited   *Pambady, Thrissur*
- Performed various analysis on Big data
- Visualisation of data using Python

PROJECTS

Vaccine Alert Generator | *Golang,MongoDB,REST,Git*   June 2021
- Vaccine details are fetched from COWIN website using cowin APIs
- Data are saved to MongoDB
- Messages are sent to a Telegram group using Telegram bot APIs

Sudoku Solver using Backpropogation | *Python, Git*   April 2021
- Developed a sudoku solver application using back-propagation method. The project is fully developed using Python. Compared to normal method the back-propagation method is very fast.

QR Code and BarCode Reader | *Python, Pyzbar, Git*   December 2020
- Developed a real time QR code and Barcode reader using the camera.
- Pyzbar is used to detect the QR code and bar code.

Automatic Meter Reading System | *Python, PHP, HTML, MySQL*   January 2018 – April 2018
- Developed an automatic meter reading system for measuring electricuty
- Used RaspberryPi for reading and transmitting the data
- Visualized the usage of electricity

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Golang, Scala
Big Data Ecosystem: Hadoop, Spark, Hive, YARN, Ambari
Developer Tools: Git, AWS, VS Code,Shell scripting, Visual Studio, PyCharm, IntelliJ, Eclipse
Databases: MySQL, Cassandra, Hive, Apache-Ignite(in-memory db),MongoDB
Libraries: Pandas, NumPy, Matplotlib, OpenCV