Kaushal Kishore
IIT-Palakkad

PERSONAL DETAILS

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EDUCATION

B.Tech Computer Science & Engineering   2016-present
CGPA 8.06, Indian Institute of Technology, Palakkad

Senior Secondary   2015
CBSE 94.6%, Notre Dame School, New Delhi

Secondary   2013
CBSE 8.8%, Notre Dame School, New Delhi

WORK EXPERIENCE

Intern   May 2019-present
GE Healthcare, Banglore
  * POC on Distributed tracing for RabbitMQ workflow in SpringBoot microservices
  * Creation of OnWatch-DataPack microapp for visualization of STeP service analytics data in FFA

Intern   May 2018-July 2018
Timken India Ltd., Banglore
  * Creation of Chain Selection Tool Package to enable customers for easy selection of chains as per their requirements

SKILLS

Programming Languages	C/C++, Python, NodeJS, SML, Java, PHP, C#.NET, Matlab
Other	Distributed Tracing (Jaeger OpenTracing) Linux System Administration, Docker / Containerization Database & Concepts, Operating Systems, Compilers Machine Learning, Computer Vision & Digital Image Processing Artificial Intelligence / Reinforcement Learning Web Development (Full Stack)

PROJECTS

Train Ticket Reservation System   March 2019
WebDev & DBMS, MariaDB, PHP, Apache Server
>   Devloped a project for the course on DBMS in a group of 3 members.
>   Key functionalities: ticket reservation, ticket cancellation, access to train info, user profile management. Technology Stack: MariaDB, PHP7, Apache, jQuery, Bootstrap
>   Link: `https://github.com/KishoreKaushal/train_ticket_system`

Parallelizing a Text Editor   March 2019
Parallel Programming, Multithreading, C/C++
>   Kilo is a simple serial text editor made by Antirez Kilo. The goal of this project was to apply the parallel programming concepts to increase the performance of kilo editor.
>   Link: `https://github.com/KishoreKaushal/parallel-programming/blob/master/kilo/kilo.cpp`

Road Symbol Detection Software for Vehicle   March 2018
Computer Vision, Python, Tensorflow, CNN
>   Used Tensorflow object detection pipeline to detect the traffic symbols.
>   Demo: `https://drive.google.com/file/d/1VPN4wCER4GJTZue9j4g6UUuSiTYVqj6F/view`

From Dig. Signal Processing to Dig. Image Processing   Nov 2017
Signal Processing, Digital Image Processing, Python
>   This project was made as a part of Signals & System course to demonstrate briefly how the concept of signals and systems can be easily used for Digital Image Processing.
>   Report: `https://drive.google.com/file/d/1m795yZIkaumo9QoWBr87m82clfZByJbz/view`

Pizzahub   March 2017
WebDev (full-stack), MariaDB, PHP, Apache Server
>   Pizza ordering system within the college network.
>   `https://drive.google.com/drive/folders/0B_mucyDbzoqxNUtjdkR4U3Q5NDA`

POSITION OF RESPONSIBILITY

Founder & President   2017-2018
Data Analysis Club, IIT-Palakkad
>   The club has many divisons namely computer vision, digital image processing and machine learning. My responsibities were organizing various workshops, trainings and competitions within the institute.