AVINASH KUMAR K R
Machine Learning Engineer

Looking to apply both one year of work experience at TCS and Machine Learning post graduate experience in any desired position of the company that I can grow with as I achieve their goals.

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WORK EXPERIENCE

Assistant System Engineer
Tata Consultancy Services

05/2019 - 08/2020   *Chennai*

Experiences:
- Worked as a front-end developer on **Java Servlet Faces** technology.
- Attained experience in developing web application in **Agile methodology** and aware of daily scrum calls.
- Project tracking experience using **JIRA** tool.
- Familiar with version controls like **Bitbucket** and **GitHub**.
- Reduced the number of clicks to go into the specific flow which **saved time** with reduce in API calls.
- Involved in Microservices and have basic idea on **Spring boot** IDE and API calls.

PERSONAL PROJECT

E-Waste management E-commerce application
(03/2019 - 05/2019)
- An Android application for re-selling of used electronic products.
- The application acts as a platform between the customer and the owner where, the owner can post about the e-waste product and the customer can buy that e-waste product by viewing the description of the product.
- Java is used to develop the android application for customer and a PHP webpage is used by the owner through login authentication.

EDUCATION

M.Tech in Artificial Intelligence and Machine Learning
Vellore Institute of Technology

08/2020 - Present   *8.48 CGPA*

B. E in Computer Science and Engineering
Rajalakshmi Engineering College

08/2015 - 04/2019   *7.28 CGPA*

Senior Secondary
Sunbeam Matric Higher Secondary School

06/2014 - 04/2015   *93.3%*

Higher Secondary
Vedavalli Vidyalaya

04/2012 - 03/2013   *8.6 CGPA*

SKILLS

Data Structures   Analytical   Java   Python

Machine Learning Optimization   MySQL   MongoDB

Project Management   Software Development

Communication   Team player   Self-management

PAPERS PRESENTED

Predicting Mental Illness using Machine Learning

Survey on the advantages of Lightweight Virtualization

HACKATHON & CERTIFICATION

Rajasthan Hackathon 4.0 (03/2018)
*Developed a **web application** that stores all the medication records of patients linked to their **Aadhar number** that can be used in case of emergencies*

Python Certification on Infosys Campus Commune
(09/2018)
Learnt the basics of python programming language

Coursera Certification on Architecting with Google Kubernetes Engine: Foundations (06/2021)
Learnt how to create and deploy kubernetes containers in Google Cloud Platform.

WORKSHOPS

Cyber Forensics Hands on Session at Rajalakshmi Engineering College.

Salesforce Badges at Rajalakshmi Engineering College.

Big Data and Hadoop at Rajalakshmi Engineering College

PERSONAL INTERESTS

Quantum Computing   Neural Networks

Virtual machines   Genetics