Kannan Ravi

Cuddalore, India

✉ **kannanraviak@gmail.com** | ☏ (+91) 88708 50397 | 🔗 kannan-ravi | ⭘ Kannxnravi | 🌐 Kannanravi-portfolio.in

CAREER OBJECTIVE

To get an opportunity that allows me to showcase my skills and contribute to the company's growth. Through completion of the Google IT Support and Google IT automation Professional Certificate, I developed skills in customer service, networking, operating systems, Troubleshooting and Debugging Techniques and Crash Course in Python. My training included hands-on practice in these areas. I'm passionate about continuously learning in the IT field.

EDUCATION

Rajiv Gandhi College Of Engineering & Technology　　　　　　　　　　　　　　　　*Puducherry, India*
B.TECH In Mechanical Engineering　　　　　　　　　　　　　　　　　　　　　　　　**2018-2022**
GPA : 8.08 / 10

WORK EXPERIENCE

TCS ION　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*
ARTIFICIAL INTELLIGENCE INTERNSHIP　　　　　　　　　　　　　**August 2022 – September 2022**
- Developed a deep learning algorithm that utilized neural networks to detect different types of sentiment contained in English sentences, increasing accuracy by 10%.
- Designed and implemented new features to improve prediction accuracy, resulting in an increase of 60%.

SOLAR SECURE SOLUTIONS　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*
FULL STACK DEVELOPER INTERNSHIP　　　　　　　　　　　　　　**July 2022- August 2022**
- Worked on the Small projects of various kinds using NodeJS to write server-side JavaScript, and also used Bootstrap CSS framework and Managed data using MySQL
- Connected Back-End APIs to display data using the Custom Components and Library Components

PROJECTS

MOVIE RECOMMENDATION　　　　　　　　　　　　　　　　　　　　*Numpy, Pandas & AST*
- Programmed a content-based recommendation system for movies using python, which increased user engagement　　　　　　　　　　　　　　　　　　　　　　　GITHUB
- Successfully built a matrix factorization-based model to predict consumer behavior, resulting in increased accuracy by 15%.

HANDWRITTEN DIGIT RECOGNITION　　　　　　　　　　　*Numpy, Pandas, Keras & Tensorflow*
- Developed a data mining program for MNIST handwritten digit classification with an accuracy of 98 %.　　GITHUB
- Achieved speeded up results by building innovative performance features that cut runtime in half.

IMAGE BASED RECOGNITION　　　　　　　　　　　　　　　　　　　　　*Tensorflow & Keras*
- Proposed a convolutional deep learning Neural Network for image based recognition on dogs and cats that achieved 80% accuracy.　　　　　　　　　　　　　　　　　　GITHUB
- Trained and tune a convolutional network model with keras for image classification on images

TECHNICAL SKILLS

Programming Languages: Java | Python | Javascript
Libraries/Frameworks: HTML5 | CSS3 | NodeJs | PyTorch | GIT
Database: MYSQL
Skills/Platforms: AWS | GITHUB
Operating System: Windows 7 | 8 | 10 | 11 | UBUNTU
Software: Microsoft Word | Microsoft PowerPoint | Microsoft Excel