



JEYAKUMAR. N. K

B.Tech., Information Technology

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EDUCATION

B.Tech., Information Technology

November 2021 - April 2025
Velammal College of Engineering
and Technology (Anna University)
CGPA – 8.91/10 (Up to Sem V)

HSC

June 2020 - March 2021
Thiagarajar Model Hr. Sec. School
Percentage – 92.8%

SSLC

June 2018 - March 2019
Thiagarajar Model Hr. Sec. School
Percentage – 93%

PUBLICATIONS

Manjula Devi C, Gobinath A, Vinora A, Manivelan K, Abdul Khaliq H, **Jaya Kumar NK**, "**Autonomous Subsurface Exploration and Extraction System: Robotic Arm-Assisted Borewell Rescue Initiative**", 2024 Third International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), Krishnankoil, Virudhunagar district, Tamil Nadu, India, 2024, pp. 1-4, doi: 10.1109/INCOS59338.2024.10527767.

PROFILE

Aspiring data enthusiast with a focus on AI and Data Science. Proficient in Excel, SQL, Python, R, and experienced in Computer Vision and Image Processing. Actively seeking opportunities to apply and expand my skills in practical settings. My career objective is to work in a challenging environment that offers a high level of creativity, innovation and opportunity towards the development of organization and me.

SKILLS

- **Programming Languages/Core Skills:** R, Python, Java, OOP, SQL, HTML5, CSS3, Java Script, Data Science Process Modelling, Microsoft applications.
- **Soft Skills:** Problem-solving, Time Management, Adaptability, Teamwork, Organization, Perseverance, Resourcefulness, Curiosity.

INTERNSHIPS

Computer Vision Intern

V3 Analytics Private Limited, Madurai/ March 2024 – May 2024

- Numpy, Pandas, Statistics, Matplotlib, Seaborn, Scikit-learn, OpenCV, TensorFlow
- Image Segmentation and Annotation, Object Detection, OCR Text Extraction

Software Development Intern

Graspear Solutions Private Limited, Madurai/ December 2022 – January 2023

- HTML, CSS, JavaScript. Created a Superheroes Dashboard and built an e-commerce website - JK FishMart

PROJECTS

- **MangoNet:** An Exclusive Deep Network for Classification of Mango Varieties
Skills Applied: Image Data Collection, Augmentation Techniques, Preprocessing, Model Building, Model Diagnostics & Comparison, Making Predictions.
- **Beyond Price Tags:** Understanding What Makes Buyers Jump Through Hoops
Skills Applied: R, Statistical Analysis, Data Visualization, Data Cleaning, Excel
- **COVID Vaccine Analysis**
Skills Applied: Python, Data Cleaning, Data Visualization, Statistical Data Analysis.
- **Trend Analysis of Snapchat Application**
Skills Applied: Data Collection, Processing, Visualization, Trend Identification, Model building and Forecasting.

CERTIFICATIONS

- **Google Data Analytics Professional Certification Course** - Coursera, 2023
- Elite certification on **Natural Language Processing** - NPTEL, IIT-KGP, 2023.
- Elite + Gold certification (Top 5%) on **The Joy of Computing using python**, offered by NPTEL, IIT-M, 2023.
- Elite + Silver certification on **Problem solving through Programming in C**, offered by NPTEL, IIT-KGP, 2022.
- **Java Programming: Complete Beginner to Advanced** – Udemy, 2022.
- **Diploma in Computer Application** - CCI Computer Education, Madurai, 2017.

ACHEIVEMENTS & AWARDS

- **First prize** in paper presented "**Navigating the future of Traffic: Image-based solution for Smoother Journeys**" and **Third prize** in "**Code-A-Thon**", Kongunadu College of Engineering and Technology, Trichy, 2023.
- **Second prize** in "**Face to Face**", a debate contest on Pros and Cons of Technology, Sethu Institute of Technology, Virudunagar, 2023.
- **Runner** of "**Dr. S. R. Ranganathan Memorial Trophy**", Velammal College of Engineering & Technology, Madurai, 2022.