

KARTHIK NAIDU

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Education

Master of Technology in Computer Science and Engineering Vellore Institute of Technology - GPA: 8.20/10	Sep 2022 – Present Vellore, TN
Bachelor of Engineering in Electronics and Telecommunication Nagpur University - GPA: 7.84/10	Aug 2016 – Nov 2020 Nagpur, MH

Professional Experience

Collabera Technical Recruiter	Dec 2020 – Mar 2021 Bengaluru, KA
<ul style="list-style-type: none">Responsible for full-cycle recruiting for IT and Non-IT roles on w2 hourly/salaried work types.Developed an effective recruitment marketing strategy, resulting in a 20% increase in qualified candidates.Improved candidate experience, resulting in a 90% satisfaction rate and a 25% increase in referrals.Successfully recruited top-tier talent for high-profile clients including Wells Fargo, Google, Uber, Facebook, GAP, Coinbase, and Genentech across California, Texas, and New York.	
Bharat Electronics Limited Summer Intern	May 2019 – Jun 2019 Bengaluru, KA
<ul style="list-style-type: none">Conducted independent research on emerging tech and presented findings to contribute to existing project proposals.	
Bharat Sanchar Nigam Limited Summer Intern	Jun 2017 – Jun 2017 Nagpur, MH
<ul style="list-style-type: none">Observed and learned from experienced telecom professionals, gaining an understanding of the design, development, and deployment of telecom products and services.	

Projects

MarineVision Python, TensorFlow, Keras, Flask, JavaScript	Jan 2023
<ul style="list-style-type: none">Implemented an object detection algorithm for ship detection in satellite images using U-Net model.Optimized the model's hyperparameters and fine-tuned the network to improve its generalization capability.Achieved over 96% accuracy and improved efficiency by reducing detection time.	
SkyCheck JavaScript, HTML, CSS, avwx.rest API	Jul 2022
<ul style="list-style-type: none">Built a METAR (Meteorological Terminal Aviation Routine Weather Report) application.The app retrieves and displays current weather conditions and forecasts using METAR data from the avwx.rest API.Created intuitive user interface with data visualization and minimal design.Optimized performance and scalability with asynchronous programming.	
MedDrone C++, Arduino, APM 2.8, Neo M8N	Jan 2020
<ul style="list-style-type: none">Designed and built a medicine delivery drone system using autonomous navigation and computer visionImplemented a custom navigation algorithm using APM 2.8 and utilised Neo M8N GPS for obstacle avoidance systemResulted in a fully functional drone that can deliver medicine to remote areas, improving access to healthcare	

Technical Skills

Languages: C/C++, SQL, Python
Web Technologies: JavaScript, HTML5, CSS
Databases: Oracle 21c, MySQL, PostgreSQL
Frameworks: Node.js, Flask
Libraries: pandas, NumPy, Matplotlib, OpenCV, TensorFlow, Keras
Developer Tools: Git, Docker, Jira, Jenkins, Power BI, Amazon Web Services (AWS)

Certifications

Machine Learning with Python-From Linear Models to Deep Learning, MITx	Expected May 2023
AWS Certified Cloud Practitioner	Pursuing
Data Analytics Essentials with Power BI, Udemy	Mar 2023
GitHub Ultimate: Master Git and GitHub - Beginner to Expert, Udemy	Mar 2023
Data Processing Specialist, AMCAT	Sep 2019