NIRANJAN MADHAVAN D

niranjan.madhavan.d@gmail.com • +91 8056060798 • LinkedIn:Niranjan Madhavan D • GitHub:immadhavv

CAREER OBJECTIVE

To pursue a challenging and highly rewarding career and be a part of a progressive organization where I can best utilize my skills and strengths to accomplish the goals of the organization.

EDUCATION

Manipal Institute of Technology, MAHE   Manipal, India
- Bachelor of Technology in Computer and Communication Engineering**. CGPA-8.45**   Oct 2021
- Coursework**:** Data Structures, Algorithms, Big Data, SQL, Cyber Security, IoT, OOPS, TCP/IP, OS.

Kola Perumal Chetty Vaishnav Senior Secondary School   Chennai, India
- Secured **435/500(87%)** in the 12th Standard AISSCE Board Exam   May 2016

Sitadevi Garodia Hindu Vidyalaya Senior Secondary School   Chennai, India
- Secured **487/500(97.4%)** in the 10th Standard SSLC Board Exam   May 2014

SKILLS & INTERESTS

- **Programming Languages:** C, C++, Python, SQL, JAVA, JavaScript, HTML, CSS.
- **Technologies/Tools:** Angular, Grafana, Postman/APIs, Git, Docker/Containers, Kubernetes, DPDK, TensorFlow.
- **Concepts:** Front-end Devp., Machine Learning/Neural Networks, Network Programmability, User-space networking.
- **Soft skills:** Googling**,** Inquisitive, Collaborative, Persistent, Fresh Perspective.

EXPERIENCE

Site Reliability Engineer - Cisco India Pvt. Ltd.,   Bangalore, India (Remote)
Software Development
Full-Time   Aug-present
- Developed dashboards to visualize KPIs, enabling effective review meetings & progress tracking.
- Learnings: Grafana, Elasticsearch, Data Visualization, Work across time zones.

Internship   Feb-Jun 2021
- Designed the front-end of a centralized vulnerability monitoring system enabling faster resolution, clear SLAs
- Learnings: Angular, MEAN stack, CI/CD, Jenkins, Spinnaker, Bug Fixing, Unit & Integration Testing.
- Collaborated with an agile team through user stories, sprint planning sessions and scrum meetings.

Research Assistant - Department of ICT, MIT   Manipal, India
Software Defined Networks   Jan 2020*
- Developed a Statistical Intrusion Detection Algorithm to detect anomalous network traffic, esp. DDoS.
- Introduced the algorithm using DPDK enabled Open vSwitch connected to the SDN controller.

Summer Intern - Mobius Knowledge Services Pvt. Ltd.   Chennai, India
Machine Learning Division   May-Jul 2019
- Automated and sped up Lead Generation process by implementing Machine Learning algorithms using Python.
- Learnings**:** Neural Networks, Image Processing, NER.

Professional Training
Coursera, Udemy, Cisco
- Cisco Certified Devnet Associate*
- Git Essentials: Learn Git with Bitbucket and Sourcetree
- DeepLearning.AI TensorFlow Developer Specialization
- Neural Networks and Deep Learning by deeplearning.ai
- Predict Future Product Prices Using Facebook Prophet
- Graph Analytics with Big Data by University of California San Diego
- Machine Learning with Big Data by University of California San Diego
- Big Data Integration and Processing by University of California San Diego
- Big Data Modeling and Management Systems by University of California San Diego
- Introduction to Big Data by University of California San Diego
- Beginning Machine Learning with TensorFlow.js by Infinite Red, Inc.

Project Intern – Dr. Jagadeesh Karkala, Asst. Professor, Dept. of CSE, IIITDM   Kanchipuram,India
Internet of Things   Dec 2018
- Formulated a cheap and efficient Water Quality Monitoring System using Arduino and sensors.

LEADERSHIP & ACTIVITIES

- Core Committee Member: Research Head, Cryptonite, Manipal.
- Management Committee Member: Sponsorship and Hospitality @ Leaders of Tomorrow, HR @ ISTE
- Organizing Committee Member: Acumen, TechTatva'18, the National Technical Festival of MIT.