| **DEEPIKA.R**  2/390, 2/390 Thanneer Pandhal,  Karamadai(post)-641 104  Coimbatore(district). **✆** +91-996-5555-362  **✉** deepi.engineer@gmail.com |  |
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| **CAREER OBJECTIVE** |
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To pursue a highly challenging & creative career where I can apply my existing knowledge & creativity, acquire new skills & contribute effectively to the benefit of the organization. Motivated Trainer eager to help new hires advance in knowledge and abilities to meet career goals. Engaging and hands-on instructor with more than 3 years of related experience and superior planning and time management abilities.

| **WORK EXPERIENCE** | | | |
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| **Designation** | **Institution** | **Duration** | **Experience** |
| Domain Trainer | Vinsys IT Services (I) Pvt. Ltd. | July 2023 to present | Pursuing (Remote) |
| Software Trainer | Orion Edutech Pvt Ltd (Remote) | December 2022 to July 2023 | 6 Month |
| Assistant professor | Bannari Amman Institute of Technology, Sathyamangalam | December 2018 to December 2022 | 4 years |
| Assistant professor | Sree Sakthi Engineering college, Coimbatore | June 2014 to December 2018 | 4.5 years |

| **ACADEMIC PROFILE** | | | |
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| **Course** | **Institution** | **Duration** | **Percentage** |
| PhD- ICE | Anna University, Chennai | Pursuing (Part time) | |
| M.E- Computer Science & Engg. | Avinashilingam university  Faculty of Engineering, Coimbatore | 2012 – 2014 | 86% |
| B.E- Computer Science & Engg. | R.V.S College of Engineering And Technology, Coimbatore. | 2008 – 2012 | 83% |
| Higher Secondary Course | SRSI Higher Secondary School Karamadai. | 2007 – 2008 | 72.91 % |
| Secondary School Course | SRSI Higher Secondary School Karamadai. | 2005 – 2006 | 76.09 % |

| **BOOK PROFILE** |
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| * The publication of the textbook entitled “**CHATGPT FOR BEGINNERS AI TOOL**” in the editorial board of Scientific International Publishing House (SIPH), First Edition, ISBN No:978-93-5757-566-5, Year of allotment 2024. * The publication of the textbook entitled “**R PROGRAMMING FUNDAMENTALS**” in the editorial board of Scientific International Publishing House (SIPH), First Edition, ISBN No:978-93-5757-566-9, Year of allotment 2023. * The publication of the textbook entitled “**Fundamental of Data Science with Statistics**” in the editorial board of Scientific International Publishing House (SIPH), First Edition, ISBN No:978-93-5625-378-0, Year of allotment 2022. * The publication of the textbook entitled “**Advanced Python Programming with Data Analysis**” in the editorial board of Scientific International Publishing House (SIPH), First Edition, ISBN No:978-93-5625-337-7, Year of allotment 2022. |

| | PATENT PROFILE | | --- |  | **S No.** | **Title** | **Date** | **Reg. No.** | **Status** | **Level** | | --- | --- | --- | --- | --- | --- | | 1 | Automated milk vending machine-user and farmer friend | 16.09.2019 | 201941037252 | Published | National Level | | 2 | An Integrated Mobile App for Grading and Pricing Vegetables based on the quality - A Farmer friend | 18.12.2019 | 201941052584 | Published | National Level | | 3 | Iot Based Smart Transport Bus Scheduler To Improve Utilization Of The Bus During Night Time | 29.01.2021 | 202141003954 | Filed | National Level | | | | | |
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| **INTERNATIONAL JOURNAL PROFILE** | | | | |
| **Journal name** | **Volume / Issue** | **Paper Id** | **Main/Co-author** | **Paper Title** |
| Annals of R.S.C.B. | Volume. 25,  Issue 4, 2021 | ISSN:1583-6258 | Co-author | A Multilevel Deep Learning Model for earlier diagnosis of Covid-19 using  CNN-LSTM |
| Annals of R.S.C.B. | Volume. 25,  Issue 4, 2021 | ISSN:1583-6258 | Co-author | Recommender System : An Automated Movie Rating Prediction Using an  Improved Timefly Algorithm (ITFA) |
| Annals of R.S.C.B., | Volume. 25,  Issue 4, 2021 | ISSN:1583-6258, | Co-author | Earlier Detection of Diabetes using Machine Learning |
| International Journal of Recent Technology and Engineering (IJRTE) | Volume-8 Issue-6, March 2020 | ISSN: 2277-3878, | Co-author | Brain Tumor Classification using Convolution  Neural Network and Size Estimation by Marker  Based Watershed Segmentation |
| IEEE Conference Publication | April 2020 | ISBN**:**978-1-7281-3251-8 | Co-author | An Efficient K-Means Clustering Initialization Using Optimization  Algorithm |
| International Journal of Engineering and  Advanced Technology (Scopus Indexed) | Volume-8, Issue-6S3, September 2019 | ISSN: 2249 – 8958, | Main author | Privacy Preservation  using (L, D) Inference Model Based on Dependency Identification Information  Gain |
| International Journal of Scientific Research in Computer Science and Engineering | Volume 6, Issue 2,  April 2018 | E-ISSN: 2320-7639 | Co-author | Mining Health Data in Multimodal Data Series for Disease Prediction |
| International Journal of Engineering Science and Innovative Technology (IJESIT) | Volume 3, Issue 1, January 2014 | ISSN 2319-5967  IJESIT1909201401\_1400 | Main author | Study Of Wireless Sensor Network and Its Current trend in Application |
| International Journal of Engineering Science and Innovative Technology (IJESIT) | Volume 3, Issue 1**,** January 2014 | ISSN 2319-5967  IJESIT1909201206\_1392 | Co-author | Preventing the Privacy Breach Using Perturbation |
| International Journal of Software & Hardware Research in Engineering (IJSHRE) | Volume 2, Issue 1**,** January 2014 | ISSN NO: 2347- 4890 IJSHRE-2107 | Main author | Study of Functional and Matching Dependencies for Privacy Preservation in Micro Data |

| **INTERNATIONAL CONFERENCES** |
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* Presented a paper in International e-conference on Information, Communication and Networking (eICICN-2021) “**Improving the Prediction of Diabetes by Applying Features Selection Algorithms**” at Easwari Engineering College on Apr 2021.
* Presented a paper in International e-conference on Information, Communication and Networking (eICICN-2021) “**Feature Selection Using Pearson Coefficient and Information Gain for Disease Prediction”** at Easwari Engineering College on Apr 2021.
* Presented a paper in International Conference on Disruptive Technologies In Information And Communication (DTIC2020) “**Earlier Detection Of Diabetes Using Machine Learning**” at Bannari Amman Institute of Technology on Aug 2020.
* Presented a paper in International Conference on Disruptive Technologies In Information And Communication (DTIC2020) “**RecommenderSystem : An Automated Movie rating prediction using an improvedTimeFly algorithm (iTFA)**” at Bannari Amman Institute of Technology on Aug 2020.
* Presented a paper in International Conference on Recent Trends in Engineering and Technology “**Fake News Detection Using Machine Learning**” at Coimbatore Institute of Engineering and Technology on March 2019.
* Presented a paper in 5th International Conference on Advances in computing and Communication Engineering on the topic “**A**n Effici**ent K-means Clustering Initialization using Optimization Algorithm**” at Bannari Amman Institute of Technology on April 2019.
* Presented a paper in the International Conference on Innovation in Electrical, Electronics, and Intelligent Computing on the topic **“Privacy Preservation using (L, D) Inference Model Based on Dependency Identification Information Gain”** in Sep 2019.
* Presented a paper **“Enhancing *(l , d)* inference model using generalization” National Conference on "Innovation In Computer Technology And Communication (NCICTC'14)** held at EASA College of Engineering and Technology
* Presented a paper “**Novel approach for Preserving Privacy in Micro Data based on Dependency Attributes” 3rd international conference held at Sri Ganesh School of Business and management.**
* Participated **International Conference on Communication and Computer Networks for Future (COMNET 2014) held at PSG college of technology**

| **SEMINAR & WORKSHOP PROFILE** |
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* International webinar on ‘Search Engine Optimization(SEO) Trends 2020’ organized by Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu on June 5, 2020.
* Webinar on "The Art of Publishing in High Impact Journals" organized by Bannari Amman Institute of Technology, Sathyamangalam on 10th June 2020.
* Webinar on “Data Science For Engineers” organized by Department of CSE, KIT May 2020
* Webinar on “Artificial Intelligence with computer vision using Deep learning” organized by Bannari Amman Institute of Technology, Sathyamangalam on 10th and 11th June 2020.
* International webinar on "Platform Thinking" organized by Bannari Amman Institute of Technology, Sathyamangalam on 20th June 2020.
* Webinar on “Privacy Application of Blockchain” organized by Department of CSE of in Bannari Amman Institute of Technology during June 2020
* Webinar on “ Deep Learning in Bio Medical Image Data Analysis in Biomedical Image Data Analysis” organized by Department of Electronics and Communication Engineering of GMR Institute of Technology, Rajam, Andhra Pradesh during July 03, 2020.
* Guest Lecture on **Augmented Reality and Virtual Reality** in Bannari Amman Institute of Technology 2019
* One week National Level Faculty Development Program on **Cloud Infrastructure and Services and Block chain Technology** in Bannari Amman Institute of Technology 2019
* One day seminar on **Software Testing** in R.V.S. College of Engineering and Technology.
* Workshop attended on **Smart Phone Application Development** conducted by P4 Technologies
* Workshop attended on **Fundamental of Image Processing and Toolbox (MATLAB)** in Avinashilingam University.
* Participated in a Two weekends ISTE workshop on **Aakash Android Application Programming** conducted by Indian Institute of Technology Bombay

| FACULTY DEVELOPMENT PROGRAM |
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* 10 days International Faculty Development Program on Data Science and Machine Learning, held from 19-01-2022 to 31-01-2022 through online organized by Sathyabama Institute of Science and Technology
* 2 Weeks Faculty Development Programme from 18th Aug to 28th Aug 2021 on Technology Insights on IOT, Artificial Intelligence and Data Science organized by the Easwari Engineering College
* Faculty Development Programme from 2020-06-11 to 2020-06-13 on Python 3.4.3 organized by St. Joseph's Institute of Technology with course material provided by Spoken Tutorial Project, IIT Bombay.
* Amrita - Hebeon Online Webinar cum Workshop on "Data Science using Python" for faculty members using Microsoft Teams Platform Organized by Amrita College of Engineering and Technology, Nagercoil and Hebeon Technologies, Hyderabad during 17th June 2020 to 25th June 2020.
* Five Days Online Faculty Development Programme on “Building Web Applications with MEAN Stack Technologies” organized by the Departments of Computer Science and Engineering and Information Technology, Kongu Engineering College from 15.06.2020 to 19.06. 2020.
* Three days FDP on “AI and IoT for Medical Applications” organized by Department of Electronics and Communication Engineering of GMR Institute of Technology, Rajam during June 01 - 03, 2020
* One week National level FDP on “Mathematical Modeling in Multidisciplinary Domain” held at Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu June 2020
* AICTE one week National level FDP on “Cloud Infrastructure & Service And Blockchain Technology” held at Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu 2019
* AICTE two week FDP on “Artificial Intelligence Techniques In Data Analytics And Information Retrieval” held at Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu 2019

| ONLINE COURSES |
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* NPTEL 12 Weeks Course Online Certification On "Problem Solving Through Programming C"

| **TECHNICAL PROFILE** |
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| * Computer Languages * Database * IDE | : C, C++, Python, Java, PHP, Java Script.  : MS-Access, SQL Server, Postgres.  : Eclipse, Net beans, Visual studio |

| **AREA OF INTEREST** |
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* Database Management System.
* Object Oriented Concepts

| **PROFESSIONAL COURSE COMPLETION** |
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* **Digital Audio Editing certificate** under **Campus Image.**
* Certificate in Developing Enterprise Application using .**NET Framework** under **NIIT.**

| **INTERNSHIP** |
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Attended Internship from May 2013 to June 2013 in **Tecknologics Company.**

| **PERSONAL PROFILE** |
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**Father’s name** : R.Rajendran

**Spouse Name** : D.Mohan Kumar

**DOB** : 16.02.1991

**Language known** : Tamil, English, Kannadam.

**Gender** : Female

**Marital status** : Married

**Mother tongue** : Kannadam

**Nationality** : Indian

**Declaration:**

I hereby declare that the above particulars given are true and faith to the best of my knowledge and belief.

Place: Coimbatore **yours truthfully,**



(R.DEEPIKA)