

* #7/1, 1st Cross,

Someshwara Nagar,

Jayanagar 1st block

Bangalore-560011, India

 +91-9731199614

 [darshankobe710@gmail.com](mailto:darshankobe710@gmail.com)

Gender Female | DOB 17th May 1993 | Nationality Indian

**PERSONAL INFORMATION** **DARSHAN UMAPATHI**

**STUDIES APPLIED FOR** Master of Science in the field of Computer Science (Conversion)

**WORK EXPERIENCE**

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| Experience:  Sep 2018 – Present  Position: | Company:  **INFOSYS Limited**  Senior Software Engineer  Nature of Duties:   * Developed and Tested Spring Web services (end points) for server side development. * Working with Infosys DNA (Data and Analytics) team, Machine Learning techniques to solve the enterprise problems. * Unilever DellBoomi process Development. Developed maps, end-to-end process, and Partner connectivity and conducted testing for data migration from SAP to ECC and vice versa. * Part of Data Processing and storage team/project, where the pre-processed data is stored at data warehouse and once processed, this raw data is stored on the cloud to be accessed by the other process leads. * Worked on Images to find the difference between images, combining images, 3D modeling as a part of Zero bench and accelerate project. |
| Dec 2015 – Aug 2018  **Position:** | **CAPGEMINI TECHNOLOGY INDIA**  Associate Consultant  Nature of Duties:   * Full stack Web-developer working on technologies such as Java, Spring for data manipulations and HTML, CSS and JavaScript for User interface. * Advocate various activities of Web-development cycle. Planning, Design, Development and test phase for most of the projects. * Working on projects for data Analysis using Python using GE aircraft data to predict the future shop visits and the cost of engine replacements. * Worked on simplifying and automating the web applications using Chabot’s. * Took the initiative of automating most of the process in the application using RPA tools such as Ui path. * Application testing, bug testing and enhancement’s in case of failure. |

**Academic Records**

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| **2015** | **Bachelor of Engineering in Electronics and Communication Engineering**  Vemana Institute of Technology  Visvesvaraya Technological University (VTU)  Aggregate: 70.06% |
| **2011** | **Pre-University (Std12th)**  Christ Junior College  Karnataka State Board  Aggregate: 73.5% |
| **2009** | **Secondary School (Std10th)**  Christ High School  Karnataka State Board  Aggregate: 86.08% |

**RELEVANT PROJECTS AND INTERNSHIP**

* **Image classification – CIFAR-10, 2018**

A generalized project for object detection for the computer vision dataset using Tensorflow. It was a single person course project where I used images and normalized the images and labeled using one-hot encoding. Using Convolutional Neural network to train and finally predicts on the sample data

* **Chatbot – GE Innovation project – 2017-2018**

A solution that was designed by team of four that helped the customers of any GE Aviation website to access the application with a help of a customized chatbot. The chatbot was designed and built using python, were I took the responsibility to pair the question-response pair and train it on different dataset and algorithms.

* **Final Semester Project – Land Surveillance Robot -2015**

As a team of four we built an unmanned robot that could be controlled using RF remote. I programmed the robot using C++ programming language to collect data via the camera and store the images and to stop the robot when an obstacle is close by using Infrared Sensors controlled by Arduino microcontroller.

**Core Competencies**

* Real-time Data integration.
* Data Cleaning and Analysis :
* Mathematical and analytical Problem-solving skills
* Application Support and monitoring.
* Agile software development methodology and version control
* Full Stack Web Development – front end and backend development
* Automation- Chatbot and IoT based application development.
* Web services development and testing
* Application enhancement and development
* Testing and Debugging

Professional Certification

* Complete Web-development Certification Udemy , 2019-2020
* Deep Learning 5 course Specialization, by Deeplearning.ai, Present
* Dell Boomi Certification, 2019
* Python Certification along with Tensorflow for Computer Vision, Udemy, 2018
* Machine Learning by prof. Andrew Ng from Coursera, 2017-2018
* Deep Learning for computer vision, 2019

**Professional Tools**

* Dell Boomi – Data Integration and modification
* Web Development – Spring tool Suite, Django, Atom, Sublime Text
* Collaboration and version control – JIRA, Git
* Data Analysis and Computer Vision – Tensorflow. Anaconda, Apache Spark and Excel

**Programming Languages**

* Java, J2EE
* Python and R Programming
* JavaScript
* SQL
* C and C++

**Extra-Curricular Achievements**

* Part of Infosys Basketball team that won the 2019 corporate tournament Infinite cup and was judged Most Valuable Player..
* Participated in the Predix Hackathon organized by GE at Capgemini during 2017 and worked on a smart lighting project using PaaS to develop real-time IOT project and secured 4th Place.
* Won the white-paper presentation on “Augmented reality” and Tech-talk competitions at Capgemini, 2017
* Represented State team (Karnataka) at National Level Basketball tournament 62nd National Basketball Championship held at Delhi.
* Won the Mahindra NBA Challenge held in Bangalore, Runner-up of Mahindra NBA Challenge National Finals held at Delhi, 2014.
* Captained the state and college basketball teams and also received Most Valuable Player on numerous tournaments at school and college level tournaments.
* Non-Profit initiative: Founder and Board member of a non-profit Academy named “M.N. Krishna Rao Park Basketball Academy” helping in promotion of the game of basketball, 2017. We organize winter and Summer Basketball tournaments for Schools and Colleges twice each year.
* Coordinated various events such Hackathons, Quizzes as a part of the IEEE team during intercollege technical events 2014.

**Hobbies**

Playing Basketball, Reading, Trekking, Music, Outdoors games, and Travelling.

**Additional Information**

References Available on Request