

J. Keshav Bhupathy Vignesh

EDUCATION

| | |
|---|--|
| B.Tech Computer Science and Technology <ul style="list-style-type: none">Vellore Institute of Technology | 2014 – 2018 (Expected) CGPA – 9.18 / 10.00 |
| Class XII, CBSE <ul style="list-style-type: none">Montfort Senior Secondary School | 2012 – 2013 Percentage – 90.80% |
| Class X, CBSE <ul style="list-style-type: none">Montfort Senior Secondary School | 2010 – 2011 CGPA – 10.00/10.00 |

COMPETENCIES


TECHNICAL SKILLS:

- Languages:** Familiar with C/C++, Python, JavaScript, SQL, HTML, CSS, PHP
- Softwares and Platforms:** Familiar with Postman, TensorFlow, Git, Flask, Google Cloud Platform, MATLAB
- Project Management Softwares:** Used Rational Requisite Pro, Rational Rose, Rational Software Architect
- Simulation Tools** – Used Keil uVision, LT Spice, PSpice, RIDE (8051), Flash Magic, NS2
- Hardware Platforms Programmed** – Intel 8051 Microcontroller, Intel 8086 Microprocessor, Raspberry PI

OTHER SKILLS:

- Graphics Design** –
 - Proficient in Adobe After Effects, Adobe Premiere Pro, Sony Vegas Pro & Power Director
 - Familiar with Adobe Photoshop, Blender

NOTABLE PROJECTS

 /jkeshav-bvignesh





- Intelligent Room temperature control and monitoring using Deep Learning**
Tools Used: Python, SQLite, Raspberry Pi, HTML5, JQuery, Bootstrap, Flask
- Tamil Handwritten Character Recognition using Deep Learning**
Tools Used: Python, TensorFlow, JQuery, Bootstrap, Flask
- A game theoretical approach to solve Network Congestion**
Tools Used: C++, NS2
- Traffic Optimization using a rudimentary ant colony optimization technique**
Tools Used: C++

EXPERIENCE

| | |
|---|---|
| Gethu Games <i>Junior Developer</i> | Chennai, India <i>December 2016 – January 2017</i> |
| <ul style="list-style-type: none">Designed an AI for a mobile board game that the user can play withGiven the current board state the AI decides on the next optimal move and responds in less than 50msDesigned a REST API to support the web version of the game | |

PERMANENT ADDRESS

Subiksha Hospital, 1st Mile,
Chellarcovil P.O, Kumily – 8,
Idukki District, Kerala – 685512

 (+91) 98407 86987
 jkeshav.bvignesh@gmail.com
 jkeshav-bvignesh.github.io
 in/jkeshav-bvignesh

LANGUAGES KNOWN

English, Tamil, Malayalam, Kannada

ACHIEVEMENTS

- Won the **second prize in the Open house competition** conducted by the **Computer Science and engineering department** for a project
- School First** in class X and XII board examinations

POSITIONS OF RESPONSIBILITY

- The head of the Dramatics club script team
- Head of the cinematography team of the college MOOC initiative

OTHER INTERESTS

- Film Making
- Magic
- Graphics/VFX