

# Venkatasubramani Karthikeyan

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## Work Experience

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### Tata Consultancy Services

Chennai, TN/India

Desc: Systems Engineer

Mar 2020–current

Role: Machine Learning Engineer

- I joined a product-based team Optumera (a retail product).
- Started to work as a ML engineer and was given two weeks of training in retail business. Predominantly worked on python and SQL.
- Initially worked in a module called Promotion. There our aim was to predict price and the type of offers that are to be given by the time of Promotion. This module was more of an internal, where I didn't have a chance to collaborate with the clients.
- Then I was moved on to Pricing Module for implementing the module to a famous American pharmacy client and attended two weeks of training for pharmacy business. Here our aim is to predict the price of a drug on a weekly basis. Where I got ample opportunity to collaborate with clients.
- Apart from that I also have a high-level understanding of other modules in the product.
- Closely collaborate with the Data Scientist and converted the mathematical and statistical models into code.
- Worked on time series analysis, basic machine learning algorithm.

### Tata Consultancy Services

Chennai, TN/India

Desc: Assistant Systems Engineer

Jun 2019– Feb 2020

Role: .NET developer

- Worked as a dot net windows application developer for my client and also simultaneously I started working in dot net web application.
- Got an opportunity to explore and learn more in frontend Html, CSS and Bootstrap.
- I was taking a python and machine learning course in Udemy and also did a POC in Machine learning hackathon conducted in TCS.
- That POC got an opportunity for me later to switch to a product development team in TCS.

### Tata Consultancy Services

Chennai, TN/India

Desc: Assistant Systems Engineer Trainee

Sep 2018–Jun 2019

Role: .NET support

- Worked as a dot net windows application developer for a German retailer.
- I was responsible for development, enhancements and support tickets. More priority is given to the support tickets.

### Tata Consultancy Services

Ahmedabad, TN/India

Desc: Assistant Systems Engineer Trainee/Intern

Jun 2018–Sep 2018

Role: .NET Associate trainee

- Initial Learning Program (ILP) is mandatory for every fresher and it is more or like an internship.
- I was trained and evaluated on my technical skills, domain skills and behavioral skills.
- Worked as a full stack dot net developer in agile methodology for retail domain.

## Education Experience

**Sri Sairam Engineering College/ Anna University**

**Chennai, TN/India**

*Electrical and Electronics Engineering*

*2014–2018*

- I completed my degree without any backlogs and scored a final year CGPA of 7.89/10
- Apart from that I was part of the National Cadet Corps (NCC) in my college.
- I also had a hobby of playing chess and later that helped me to join my college Chess team.

## Additional information

*Skills:*

- Technical Skills: Python, Machine Learning, Time Series, TensorFlow, SQL, HTML, CSS, JS
- Domain Skills: Retail, Pricing, Promotion and Markdown.
- Tools/IDE: Azure Databricks, PyCharm and Jupyter notebook.
- Leadership Skills: Even though I never got any opportunity to lead a team in my work. I am always ready for initiating and volunteering tasks. I got many opportunities to lead a team in extracurricular and co-curricular activities.

*Certificates/Awards:*

- I was awarded the Learning Achievement Award in TCS for showing my own interest in learning a new technology and domain skills without affecting the productivity of my Job in TCS.
- I was awarded the Maitre Award for winning the chess puzzles solving competition conducted by the Maitre Club in TCS.
- I was awarded as the best outgoing student by the Physical Department of my college for my outstanding efforts in NCC and Chess.
- Won Gold medal in zonal level chess competition for both 2016-2017 and 2017-2018. Both the years got an opportunity to play at state level.
- I was the one among the very few people to have all the A, B and C certificates in NCC.

*Activities/Interests:*

- I am actively volunteering for the educational, environmental and health development of rural people near the TCS office over the weekend.
- As part of NCC activities we organized a blood donation camp each and every year in my college. For the first two years worked as a volunteer and in the next two years worked in leadership roles.

*Nationality:* Indian