

# PODUGU ROHITH SURYA

SASTRA Deemed to be University · Phone Number: 8489414631

[prasurya1020@gmail.com](mailto:prasurya1020@gmail.com)

GitHub Profile: <https://github.com/RohithSurya>

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## EDUCATION

Thanjavur, Chennai

SASTRA University

- B.Tech Computer Science and Engineering, 2015-2019(Ongoing). CGPA: 7.98/10
- Undergraduate Course Work: Operating systems, Databases, Data Structures, Design and Analysis of Algorithms, Theory of Computation.

## Technical Experience

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### Mini Projects

- Solved the n-queens problem using Min Conflict Algorithm (Local Search Algorithm). This algorithm can be used for getting near solutions in less time.
- **Data Analysis on Udacity Data Set:** Used python for data analysis to find the characteristics of students who will pass the project by analyzing the data set.

### Ongoing Projects

- **An Improved ID3 Algorithm for medical data classification:** A supervised learning algorithm for medical diagnosis of various health problems. We are going to use the following data sets: breast cancer, lung cancer, mammographic masses, statlog heart.
- **Blog app using django:** Simple django app where users register and post their comments upon their topic of interests.

## Languages and Technologies

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**Programming Languages:** C (Proficient), C++, Java (Proficient), Python, Javascript (Novice), HTML, CSS

**Databases:** Oracle10g

**Operating Systems:** Windows 10/XP/Vista/7, Ubuntu.

**Software:** Jupyter Notebook, IntelliJ, NetBeans, MS Word, MS PowerPoint, Pycharm Professional.

**Version Control Systems:** Git and GitHub.

**Other Skills:** Shell Programming, Django

**Areas Of Interest**

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Database Management Systems, Data Structures, Operating Systems, Data Analytics.

### **Strengths**

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- Hard Worker, Consistent, Focused

### **Hobbies**

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- Reading Books
- Creating Webpages

### **Workshops**

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- Attended a one day Scilab workshop conducted by SASTRA University.
- Attended a two day Entrepreneurship awareness drive organized by ED-CELL SASTRA Deemed to be University.

### **Online Courses**

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#### **Khan Academy**

- Intro to HTML/CSS: Making Webpages.
- HTML/JS: Making Web pages Interactive.

#### **Udacity**

- How to use Git and Github.
- Intro to Data Analysis

### **Extra-Curricular Activities**

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- Trekking of 28km from Munnar to Kodaikanal.
- Secured 1<sup>st</sup> in CV Raman Science Talent test which is conducted by my school in 10<sup>th</sup> class.
- Secured 2<sup>nd</sup> in PC Ray Science Talent test which is conducted by my school in 8<sup>th</sup> class.
- Our team secured 1<sup>st</sup> in Sanskrit sloka competition in 10<sup>th</sup> class.
- Participated in the School band for the annual day.

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