

# GAYATHRI E

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## Objective

Upcoming computer science engineering graduate seeking an entry-level Information Technology position in Networking, Security or Software Development domains, to benefit mutual growth. CCNA certified with hands-on experience in routing and switching methods and communication networks.

## Education

### • Degree

Course: B.Tech. - Computer Science and Engineering  
Institution & University: Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore  
Period: 2017-2021  
CGPA: 8.24/10 (up to 6<sup>th</sup> semester)

### • Higher Secondary Education

Stream / Subjects: Physics, Chemistry, Mathematics and Computer Science  
Institution: Devi Academy Senior Secondary School, Chennai  
Period: 2015-2017  
Board: Central Board of Secondary Education (CBSE)  
Marks / Grade: 424/500 (84.8%)

### • Secondary Education

Institution: Devi Academy Senior Secondary School, Chennai  
Period: 2014-2015  
Board: Central Board of Secondary Education (CBSE)  
Marks / Grade: CGPA - 9.0/10

## Areas of Technical Interest

- Computer Networking
- Database Management Systems
- Computer Programming

## Projects

**Search Engine Optimization tool to analyze live web pages** - *Beautiful Soup, urllib, Xlsxwriter*

<https://github.com/gayu-thri/Web-Scraping>

May, 2019

- Developed a Search Engine Optimization (SEO) tool for analyzing live web pages and representing pages as keyword frequencies in Microsoft Excel.
- Gained valuable knowledge on programming in this high-performance computing space as search engines leverage word density of web pages for ranking.

**Network configuration and troubleshooting** - *Packet Tracer, CCNA Lab Pods*

<https://github.com/gayu-thri/Cisco-Packet-Tracer>

Jun, 2018-Jun, 2019

- Configured and troubleshot complex network topologies on Packet Tracer simulator and real networking equipment as part of CCNA lab training.
- Gained a thorough understanding of physical set up, configuration, operation and maintenance of multiple Cisco routing and switching devices.

**Web app for College Admission Management System** - *Python Flask, Firebase, Pyrebase4*

<https://github.com/gayu-thri/CAMs>

Mar-May, 2020

- Developed the application for two major access roles – admin and user. Admin can add colleges, designate cut-offs, and register students into the college.

- Users can log in, submit an application for admission and receive notifications regarding the status of their application. The app was deployed using Firebase Hosting.

### **Web app testing using Selenium - CICD, JavaScript, Selenium web-driver, Chrome-driver**

<https://github.com/gayuthri/SeleniumJS>

Dec, 2019-Mar, 2020

- Tested faculty dashboard web application using Selenium web driver, an umbrella project encapsulating a variety of tools and libraries to enable web browser automation testing.
- Used automated software testing to reduce time taken to run repetitive tests from days to hours.

### **Internships**

#### **Build a rich web-based Intranet Issue Tracker-ONGC, Chennai-PHP, CSS,HTML, XAMPP, MySQL**

<https://github.com/gayu-thri/ONGC-Intern>

May, 2019

- Developed an issue tracking system on ONGC Intranet for Regional Computer Center (RCC) users to create issues, retrieve issues by ID, and view the status of resolution.
- Users can deny or accept solutions provided by ONGC employees to indicate if further assistance is required or if the issue can be closed as resolved. Gained experience working with a team of software engineers to build a real-world product.

### **Other Technical Qualifications**

- Successfully completed **CCNA** training in Cisco Networking Academy and obtained CCNA Certification from Cisco Systems.
- Awarded excellent performance in **Programming with Python for Data Science** by NIIT T. Nagar, Chennai.

### **Achievements**

#### **Presentation of ideas on how to make a city smart and secure at Be a Ninja (on Cyber Forensics)**

<https://github.com/gayu-thri/Be-a-Ninja-Workshop>

Feb 22, 2018

- Secured **first place** for our team's ideas on designing a Smart Car Parking mobile app that leverages sensors, blockers, CCTV cameras and Google Maps. The app allows users to reserve parking spots in advance using an online payment system and provides OTP based authentication to grant access to parking spots.

### **Extra-Curricular Activities**

- Helped organize Amrita inter-campus cultural fest Sargamritam -2019.
- **Led** one of the teams in Public Relations department for tech fest Anokha 2020 – reached out to other colleges and invited them to the event.
- Volunteered in Amritavarsham 66, an event celebrated on the occasion of the birthday of Mata Amritanandamayi “hugging saint” to pray for world peace on 27th September 2019 at Amritapuri, Kerala.

### **Personal Details**

- Date of Birth: 22-01-2000
- Language proficiency: English, Tamil and Telugu.
- Hobbies: **Digital Arts**([https://www.instagram.com/\\_g3rt\\_/](https://www.instagram.com/_g3rt_/)), **Abacus**(UCMAS – completed 8/10 levels), Tennis, Chess and Calligraphy.
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