

# Amara Aditya Manikanta

Mentor, Researcher, Inventor

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## Career Objective

Seeking for a challenging position in a company that will provide opportunities to advance professionally and leverage my skills to become an asset and fuel the growth of the company.

## Academic Background

Year(s)	Qualification/ Degree	Board/ University	Percentage/ CGPA
2018 – 2022 (University Silver Medal)	B. Tech in CSE - Honors in Internet of Things & Smart Cities	University of Petroleum and Energy Studies, Dehradun	9.08/ 10
2016 - 2018	XII	AP Board of Education	93.5 %
2016	X	AP Board of Education	92 %

## Work Experience/ Internship(s)

### ION Group (Triple Point Technology) | Jan 2022 - Present | Software Developer (Level 1)

- Proficient in debugging and integrating systems, ensuring efficient data flow and system stability. Independently developed REST APIs for seamless integration at ION. Created three automation testing tools, to increase the productivity and enhancing CI job execution.
- Interacted with customers and provided excellent support, demonstrating strong communication and problem-solving skills.

**About ION:** ION Group's Commodities vertical is a sector within the company that focuses on providing comprehensive solutions for the commodities trading and risk management industry. Their platform 2.0 infrastructure helped me to excel their tools such as AutoConfX, SysAdmin, MMI, ION Tracker etc.

### TripTales | June 2021 - July 2021 | Web Intern

- Built a travel booking website that is dynamic and customers can view, book their tour travel and also implement their views as blogs.
- Effectively contributed for creating pages such as Home, Destinations with Categories, User Account Dashboard with a full-fledged implementation using technologies HTML, CSS, JS, PHP and Backend with MySQL.

## Online Certifications

- AWS Edu. Certifications**
  - Software Development Engineer
  - Cloud Literacy (Inventor)
  - Cloud Computing 101
- Coursera**
  - Software Product Management Specialization
  - Bits and Bytes of Computer Networking
  - OOPS in Java
- Udemy Learnings**
  - Java, Python
  - MySQL
- Hacker Rank**
  - SQL Basics

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## Projects Undertaken (Academics)

### Title: Smart Parking Management System (2021), Team Leader

- Developed a parking management system using IR sensors, RFID Readers, Raspberry Pi, AWS RDS, and an android application using Google Maps-API, Places-API.

### Title: Smart Medical Box using NodeMCU and Firebase Database (2020), Team Leader

- Developed a project that assists elderly people to take the right medication on time. The device consists of a box that has compartments to be filled with pills and a timer has to be set with the prescribed time with the help of a mobile application.

### Title: Smart Attendance script using Java and Python (2019), Tool

- The script is having features as daily attendance, debar list, check percentage, extra class attendance through Python (Pandas and Xlsx writer) and the same type of script is developed using MYSQL and Java Environment.

### Other Projects & Web Portfolio - [github.com/AdityaAmara](https://github.com/AdityaAmara)

## Co-Curricular Activities/Achievements

→ Publications (International Conferences):

Publication Brief & Domain	No. of Publication	Conference
Smart Parking System using IoT	1	ICMLDE 2022
Review Papers in Drug Discovery using AI and Introduction to Big Data.	2	CONSTA 2021
Analysis of City Command Centers of Indian Smart Cities	1	CIAIS 2021
Smart Pill Box and Smart Garbage Segregator using IoT	2	AISE 2020

- 1<sup>st</sup> in Coding event by IndeCampus (2020)
- 2<sup>nd</sup> in Startup Bootcamp at IndeCampus (2020)
- 2<sup>nd</sup> in Startup Weekend at UPES (2019)
- 2<sup>nd</sup> in the International Math Olympiad (2018)
- 1<sup>st</sup> place in State level Science Fair (2016)

## Skill Set

- **Languages** : Java, Python (Beginner)
- **J2EE** : Apache Camel, JUnit
- **Cloud/Big-Data** : AWS, Google Firebase
- **Course Work** : DBMS, OS, Algorithms, IoT Boards
- **Soft - Skills** : Problem Solving & Analytical Skills, Presentation Skills
- **Hobbies** : Teaching, Art and Craft, Travelling

I hereby declare that the information stated above is true to the best of my knowledge.

**Amara Aditya Manikanta**