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	B. Tech in CSE - Honors in Internet of Things & Smart Cities	University of Petroleum and Energy Studies	8.97 /10
2016-2018	XII	AP Board of Education	93.5 %
2016	X	AP Board of Education	92 %

Internships & Trainings

Company:	**Trip Tales - Full Stack Developer (WAMP Stack)**
Duration:	**June 2021 - July 2021**
Job Description:	

- Served as the principal web developer, mapping out, programming to build a travel blogging website with pages like Home, Blog Categories, Profile Page, User Dashboard and Admin Panel using PHP Framework and WAMP stack.
- Responsible for all the user interface designs, look and parallelly supported their needs. Demonstrated strong team lead skills throughout the project.

Company:	**Dhedped Brothers - Web Developer Intern**
Duration:	**Aug 2020 - Jan 2021**
Job Description:	Built a travel booking website using HTML, CSS, JS, PHP and MySQL. Site aims to create a virtual travel experience that allows the user to explore the places right from their computer and book their travel accordingly.

Projects Undertaken (Academics)

Projects & Web Portfolio - github.com/AdityaAmara & amaraaditya.herokuapp.com
Other Domain Projects -

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.
- **Link: https://youtu.be/EfPtL7wuy2E**

Title: Smart Medical Box using NodeMCU and Firebase Database (2020), Team Leader
- Developed a project that assists elderly people to take right medication on time. 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.

Online Certifications

- **AWS Edu. Certifications**
  1. Software Development Engineer
  2. Cloud Literacy (Inventor)
  3. Cloud Computing 101

- **Coursera**
  1. Software Product Management Specialization
  2. Bits and Bytes of Computer Networking
  3. OOPS in Java

- **Udemy Learnings**
  1. Java, Python
  2. MySQL

- **Hacker Rank**
  1. SQL Basics

Co-Curricular Activities/Achievements

- ✓ Paper entitled "*An Analysis of City Command Centers (CCC's) of Indian Smart Cities*" is presented at CIAIS 2021 conference organized by Manav Rachna University Faridabad.
- ✓ Paper entitled "*An IoT Approach towards Storage of Medicines to develop a Smart Pill Box*" is presented at AISE 2020 conference organized by NIT GOA.
- ✓ Paper entitled "*An IoT Based Approach in Automatic Garbage Segregation to develop an Intelligent Garbage Segregator*" is presented at AISE 2020 conference organized by NIT GOA.

- ✓ Microsoft Student Partner for the year 2019-20
- ✓ 1st in Coding event by IndeCampus (2020)
- ✓ 2nd in Startup Bootcamp at IndeCampus (2020)
- ✓ 2nd in Startup Weekend at UPES (2019)
- ✓ 2nd in the International Maths Olympiad (2018)
- ✓ 1st place in State level Science Fair (2016)

Skill Set

✓ **Languages**	:	Java, HTML, CSS, JS and PHP, Python, C, C++
✓ **DBMS**	:	MySQL, SQL Server 2014, MariaDB, PostGRE
✓ **J2EE Technologies**	:	JDBC, Servlets
✓ **Cloud/Big-Data**	:	AWS, Google Firebase, Hadoop, IoTThingSpeak, Blynk
✓ **Application Server**	:	XAMPP, Apache Tomcat
✓ **Course Work**	:	DBMS, OOAD, OS, Algorithms, IoT Boards, Cloud Computing
✓ **Skills**	:	Problem Solving & Analytical Skills, Presentation Skills
✓ **Hobbies**	:	Teaching, Art and Craft, Coin Collection, Travel, Reading Books

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

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