

# Divya Sai Pinnamaneni

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## EDUCATION

**Master of Science in Computer Science**

**GPA:** 3.89/4.00

Expected Dec 2023

University of Oklahoma, Norman, Ok

Coursework: Text Analytics, Database management systems, Parallel programming

**Bachelor of Technology in Computer Science**

**GPA:** 3.34/4.00

May 2018

VR Siddhartha Engineering College, India

## TECHNICAL SKILLS

- Programming/Scripting Languages: Python(proficient), Java, C, PHP, JavaScript, JSP, HTML, CSS, C#, React
- Databases: MYSQL, SQLite, AzureSQL
- Networking: TCP/IP, UDP
- Integration tools: SAP PI/PO, SAP CPI, Axway
- IDE: PyCharm, Eclipse, IntelliJ IDEA

## WORK EXPERIENCE

**Software Developer | Tata Consultancy Services Limited, Hyderabad, India**

Jun-2018 – Dec-2021

- Integrated diverse systems through Java, SQL programming, and Groovy scripting.
- Configured secure APIs using JDBC, IDOC, RFC, FTP, REST, Salesforce for cloud and on-premises systems.
- Collaborated with functional analysts and system architects to re-architect interfaces, optimize memory storage, and boost system performance by 20%.
- Ensured quality by conducting end-to-end testing and deploying efficient solutions.
- Resolved critical errors and performed live bug fixes for thousands of clients, demonstrating quick problem-solving skills.
- Automated error detection, reducing monitoring effort by 34% and enhancing support team efficiency.

**Teaching Assistant | University of Oklahoma, Norman, OK**

Aug-2022 – May-2023

- Setting up putty and the **Linux prompt** to assist students with their lab programming assignments.
- Accountable for supporting a professor with their teaching duties when it comes to programming in C.
- Solely oversees two discussion lab sections, collaborates with students on programming projects and assignments.

**Software Development Intern | Paycom, Irving, TX**

May-2023 – Present

- Developed a restaurant selection website using HTML, CSS, and JavaScript. Created React app with REST API integration to track employee meal history.
- Implemented C# console app with Dependency Injection for flexible CRUD operations on a backend system.
- Implemented alert system to identify missing mandatory configurations, streamlining developers' task and improving client setups.

## PROJECTS

**Messaging Tool**

Jan-2023 – May-2023

- Developed a secure instant messaging tool with password-based encryption for confidential communication.

**Web Database Application | Networking**

Aug-2022 – Dec-2022

- Created a web application in Java and JSP that connects to and modifies AzureSQL databases.
- Designed Client-server applications using TCP/IP and UDP programming.

**Norman Police Department, Redaction, Unredaction, Food Prediction**

Jan-2022 – May-2022

- Implemented a **Named Entity Recognizer** model. Explored Regex module and SQLite.
- Performed data cleaning using **NLP techniques** and vectorization using sklearn library and utilized **machine learning** models to fit the training data and predict testing data results.

**Efficient Power Consumption using the technique of Predictive Event Processing**

Jan-2018 – May-2018

- Predicted future demand for electricity based on the past real-time data using **predictive analytics** to create a Time series forecast using python.

## ACADEMIC AWARDS

Secured 2nd prize in the Engineer's Day 2016 Technical Competition for the "Plant Protector" Internet of Things project.