# Om Patil

Chico, CA

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## Education

**California State University, Chico**                                                     **Aug 2022 - May 2024**
Master of Science in Computer Science.

**Vishwakarma Institute of Technology**                                                 **Aug 2018 - Aug 2022**
Bachelor of Technology in Computer Engineering | GPA – 3.04 / 4.

## Experience

**Extentia Information Technology | Pune, India**

**Front-End Developer – Intern | JavaScript, Angular, Drupal**                        **Aug 2021 - Jan 2022**
- Worked on a multi-tenant white label web application with a base of Angular Framework in the front end.
- Gained knowledge about AWS while working on the shared database of **10 million** users.
- Collaborated with a **team of 50** to modernize containers in Drupal, for multi lingual flexibility in the mobile application.
- Coordinated with the clients via Quality assurance team for the white label application, to understand the industrial needs
- Creating roadmaps for developers to increase Project Delivery by **20%** via proper Software Cycle.
- Designed and documented tutorial and advising blocks of each step of the project stage for clear understanding to clients.

## Projects

**Medical Chat-Bot | Python |** Link                                                          **Aug 2022**
- Advanced in developing an automatized medical Chabot that layout personalized health recognition based on symptoms.
- Designed a voice detection system to convert the multi-language input data and evaluate the corresponding symptoms.
- Using Google maps to provide the nearest doctor according to your symptoms after taking voice input in multi-language.
- Recommends medicines before consulting a doctor and suggest medication quantity and time accordingly.

**Flappy-Bird | Python, Neural-Network, Java-Script, Bootstrap |** Link                        **Jan 2022**
- Created a model to learn for the flappy bird using python and convolutional neural network, with an accuracy of **94 %.**
- Developed a front end application to play the game of flappy Bird, and toggled the Neural Network.
- Utilized N.E.A.T. to generate the artificial Neural Network using reinforcement learning in the project.

**Crypto and Stock Prediction System | Python, Rainforest Technique, Neuro Fuzzy System**        **Aug 2021**
- Measure a security's intrinsic value to identify patterns and trends that suggest the future of the stock.
- Made prediction of upward graph using the price to earnings ratio using rainforest and liner regression technique.
- Incorporated neuro-fuzzy system using artificial neural network to detect final model using two regression techniques.

**A Diary | HTML, JavaScript, Ajax, CSS, Bootstrap, PhpMyAdmin |** Link                         **Jan 2021**
- Developed a live web application that registered user credential and password to store the Data in a web-page.
- Encoded with JavaScript using Base64 for Encryption and Decryption of User data, which secured the credentials.
- User had access to generate domain name and mail id under the website, which allowed them accessibility over any device

## Technical Skills

**Languages:** C++, Python, Java, C#, SQL
**Tools/Frameworks:** Angular, Docker, Git, React, Android Studio, React.
**Database:** MySql, Oracle, Drupal, myphpadmin
**Web Technologies:** HTML, CSS, Javascript, Typescript, Bootstrap, Ajax, PHP
**Other:** Open CV, Linux, Sales force, Agile, Express JS, AWS, and Agile.

## Licenses & Certifications

**Udemy-**
- **The Complete Web Developer Course**                                                  **Jan 2021**
- **Master Python and OOPs**                                                             **Aug 2019**
- **Data Structures + Algorithm**                                                        **May 2019**
- **C# and its fundamentals**                                                            **Feb 2019**