## **Om Patil**

Chico, CA

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### **Education**

### California State University, Chico

Master of Science in Computer Science. | GPA - 3.1 / 4.0

Aug 2018 - Aug 2022

Aug 2022 - June 2024

### Vishwakarma Institute of Technology

Bachelor of Technology in Computer Engineering | GPA - 3.04 / 4.0

### **Experience**

## 7Quebs | Chicago, Illinois

May 2023 – Aug 2023

# Full Stack Software Developer - Intern | React, Jenkins

- Developed a React-based web app, boosting user engagement by 30% with responsive design
- Managed agile team of interns for 6 weeks, enhancing project delivery speed by 20%
- Drove a cross-department initiative to refine ChatGPT integration, resulting in a 20% increase in system performance
- Enhanced client engagement by streamlining communication protocols, resulting in client satisfaction.
- Automated parts of the CI/CD pipeline, cutting down release cycles by one-third and enabling more frequent updates

### Extentia Information Technology | Pune, India

# Front-End Developer - Intern | Angular, Drupal

Aug 2021 - Jan 2022

- Designed 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
- Proactively created and documented tutorial and advising blocks of each step of the project stage for clients

#### **Projects**

## Found it | React, Spring boot MVC, SQL, Jenkins, GitHub and Google Cloud Platform

Jan 2024 - Present

- Developing web app for CSU Chico to help users find lost items to avoid liability and financial loss
- Implemented campus ID and email integration for secure user verification and avoid claiming of unowned items
- Collaborates with university IT departments for data security and compliance with campus policies
- Features real-time notifications, an interactive campus map for pinpointing item locations to connect lost items with reports
- Led a team in CI/CD pipeline for project with Jenkins, GitHub and GCP, optimizing the software development process

### Watch and get it. | Swift, Firebase

Dec 2023- Present

- Developing an innovative app for Apple Vision Pro, enabling users to order food and items directly from their AR view
- Utilizes Swift for app development, integrating AR Kit for augmented reality features and Firebase for backend services
- Features as real-time object recognition to identify items on screen, and a seamless ordering with just drag-and-drop
- Recommends medicines before consulting a doctor and suggest medication quantity and time accordingly

# Posters - Just Post it | Flutter, Firebase, Google Cloud Platform, Figma | Link

May 2023

- Implemented user authentication, profile management, and camera integration for instant photo sharing
- Enabled real-time likes, comments, and follows, with a feed of posts from all users
- Integrated Firebase and Google Cloud Platform for backend services, including data storage and real-time updates
- Leveraging Flutter for seamless cross-platform functionality across iOS, Android, and web platforms

# HealthinessEase | Django, PostgreSQL, Docker, Google Cloud Platform

**April 2023** 

- Designed custom dashboards for patients, doctors, and insurance providers, enhancing user experience and functionality
- Implemented Docker for streamlined deployment and consistent application performance across different environments
- Conducted sentiment analysis, iteratively refining the system to significantly enhance healthcare service responsiveness

# Medical Chat-Bot | Python| Link

Aug 2022

- Developed an automatized medical Chabot that layout personalized health recommendations 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, Vanilla 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

# **Technical Skills**

Languages: C++, Python, Java, C#, SQL, Dart.

Tools/Frameworks: Angular, Docker, Git, React, Android Studio, Flutter, Firebase, Django. Database: MySQL, Oracle, Drupal, myphpadmin, Google Cloud Network, PostgreSQL Web Technologies: HTML, CSS, JavaScript, Typescript, Bootstrap, Ajax, PHP

Other: Open CV, Linux, Sales force, Express JS, AWS.

### **Licenses & Certifications Udemy-**

The Complete Web Developer Course

Jan 2021 Aug 2019

**Master Python and OOPs** 

May 2019

**Data Structures + Algorithm**