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 2022 - May 2024

Vishwakarma Institute of Technology

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

Aug 2018 - Aug 2022

Experience

7Quebs | Chicago, Illinois

May 2023 - Aug 2023

Full Stack Software Developer - Intern | React, Jenkins, Spring boot, Java, API, Scrum.

- Developed a React-based web app, boosting user engagement by 30% with responsive design
- Managed agile team of interns for 6 weeks working on front-end, enhancing project delivery speed by 20%
- Migration application Angular to React, managing, overviewing and resolving issue for the front end team
- 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, SAP, TypeScript, HTML, CSS, JS

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, API

Dec 2023- Presen

- 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 CRM | Django, MongoDB, Docker, Google Cloud Platform | Link

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, R, Swift.

Tools/Frameworks: Angular, Docker, QlikView, Git, React, React JS, Android Studio, Flutter, Firebase, Django, Spring Boot.

Big Data Technologies: Apache Spark, Distributed Computing, Snowflake, DB2, Hadoop **Development Tools and Environments**: IntelliJ, Maven/Gradle, Gitlab, Jira, Scrum.

Database: MySQL, Oracle, Drupal, myphpadmin, Google Cloud Network, PostgreSQL, SQL, AWS

Web Technologies: HTML, CSS, JavaScript, Typescript, Bootstrap, PHP, Rest API Other: OpenCV, Linux, Salesforce, ExpressJS, Figma, UIUX, Microsoft Power BI

Licenses & Certifications Udemy-

The Complete Web Developer Course

Jan 2021

Master Python and OOPs Aug 2019

Data Structures + Algorithm

May 2019