

Om Patil

Chico, CA

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Education

California State University, Chico Master of Science in Computer Science.	Aug 2022 - Aug 2024
Vishwakarma Institute of Technology Bachelor of Technology in Computer Engineering	Aug 2018 - Aug 2022

Experience

Chico State Enterprise Chico, California Research Assistant OpenCV, MATLAB, Python, Image & Video Processing <ul style="list-style-type: none">Leading student team in Data Science and Computer Vision for Civil Engineering projects.	May 2023 - Present
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7Quebs Chicago, Illinois Full Stack Software Developer – Intern React, Jenkins, Spring boot, Java, API, Scrum. <ul style="list-style-type: none">Developed a React-based web app, boosting user engagement by 30% with responsive designManaged agile team of interns for 6 weeks working on front-end, enhancing project delivery speed by 20%Migration application Angular to React, managing, overseeing and resolving issue for the front-end teamDrove a cross-department initiative to refine ChatGPT integration, resulting in a 20% increase in system performanceEnhanced 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	May 2023 – Aug 2023
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Extentia Information Technology Pune, India Front-End Developer – Intern Angular, Drupal, SAP, TypeScript, HTML, CSS, JS <ul style="list-style-type: none">Designed a multi-tenant white label web application with a base of Angular Framework in the front endGained knowledge about AWS while working on the shared database of 10 million usersCollaborated with a team of 50 to modernize containers in Drupal, for multi lingual flexibility in the mobile applicationCoordinated with the clients via Quality assurance team for the white label application, to understand the industrial needsCreating roadmaps for developers to increase Project Delivery by 20% via proper Software CycleProactively created and documented tutorial and advising blocks of each step of the project stage for clients	Aug 2021 - Jan 2022
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Technical Skills

Languages: C++, Python, Java, C#, SQL, Dart, R, Swift.
Tools/Frameworks: Angular, Docker, QlikView, Git, 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, MATLAB
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

Projects

Found it React, Spring boot MVC, SQL, Jenkins, GitHub and Google Cloud Platform <ul style="list-style-type: none">Developing web app for CSU Chico to help users find lost items to avoid liability and financial lossImplemented campus ID and email integration for secure user verification and avoid claiming of unowned itemsCollaborates with university IT departments for data security and compliance with campus policiesFeatures real-time notifications, an interactive campus map for pinpointing item locations to connect lost items with reportsLed a team in CI/CD pipeline for project with Jenkins, GitHub and GCP, optimizing the software development process	June 2024 - Present
Watch and get it. Swift, Firebase, API <ul style="list-style-type: none">Developing an innovative app for Apple Vision Pro, enabling users to order food and items directly from their AR viewUtilizes Swift for app development, integrating AR Kit for augmented reality features and Firebase for backend servicesFeatures as real-time object recognition to identify items on screen, and a seamless ordering with just drag-and-dropRecommends medicines before consulting a doctor and suggest medication quantity and time accordingly	May 2023- Present
Posters – Just Post it Flutter, Firebase, Google Cloud Platform, Figma Link <ul style="list-style-type: none">Implemented user authentication, profile management, and camera integration for instant photo sharingEnabled real-time likes, comments, and follows, with a feed of posts from all usersIntegrated Firebase and Google Cloud Platform for backend services, including data storage and real-time updatesLeveraging Flutter for seamless cross-platform functionality across iOS, Android, and web platforms	May 2023
HealthinessEase CRM Django, MongoDB, Docker, Google Cloud Platform <ul style="list-style-type: none">Designed custom dashboards for patients, doctors, and insurance providers, enhancing user experience and functionalityImplemented Docker for streamlined deployment and consistent application performance across different environmentsConducted sentiment analysis, iteratively refining the system to significantly enhance healthcare service responsiveness	April 2023
Medical Chat-Bot Python Link <ul style="list-style-type: none">Developed an automatized medical Chabot that layout personalized health recommendations based on symptomsDesigned a voice detection system to convert the multi-language input data and evaluate the corresponding symptomsUsing Google maps to provide the nearest doctor according to your symptoms after taking voice input in multi-languageRecommends medicines before consulting a doctor and suggest medication quantity and time accordingly	Aug 2022
Flappy-Bird Python, Neural-Network, Vanilla Java-Script, Bootstrap Link <ul style="list-style-type: none">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 NetworkUtilized N.E.A.T. to generate the artificial Neural Network using reinforcement learning in the project	Jan 2022