

CHIRAG PATEL

🏠 Pune, Maharashtra | 📞 +91-9925639250 | ✉ chiragpatel5083@gmail.com | 🔗 [/in/chiragpatel5083](https://in.linkedin.com/in/chiragpatel5083)

EXPERIENCE

Searce Cosourcing Service Pvt Ltd, Software Engineer

July 2021-Present | Pune

- Working on an advertisement booking web application using *React Js, Python, MongoDB, and Google Cloud Platform (GCP)*
- Designed Promo Code module, and Complaint module along with admin panel from scratch including developing APIs, database structure, User interfaces, etc
- Designed a GCP Cloud Functions to trigger automatic Email and SMS services for event-driven actions
- Increased and optimized the capacity of concurrent users and reliability of the application using a GCP load balancer
- Created a customer feedback module to measure the satisfaction of the customer after implementing suggested changes which resulted in the growth of the customer retention rate
- Increased online advertisement bookings by 40% which led to 25% growth in the company's revenue

Searce Cosourcing Service Pvt Ltd, Software Engineer Intern

Jan 2021-Jun 2021 | Pune

- Implemented a Google Apps Script to check the current rates on production for different types of advertisement in advertisement booking client-based site
- Worked on enhancing and fixing bugs such as UI alignments, portal rate calculate API, etc in a production system
- Created a Customer Relationship Management module from scratch to handle the customer's queries

PROJECTS

Automatic Video Highlights Generator

October 2020

- Implemented a tool for summarizing and generating CCTV camera highlights to remove the redundant frames from the video to solve the problem of data storage
- Used different key frame extraction techniques like Minimum correlation, Maximum frame coverage, Clustering, Curve Simplification, etc to extract a frame from the video
- The video segment is extracted based on the number of people in the frame as per the threshold
- Reduced 75% of the redundant frames from the video with improved duration of summary video and processing time

Covid-19 Tracker

May 2020

- Developed a Covid-19 tracker app using *React.Js, Open Source APIs (disease.sh), and Google Map APIs* to track and analyze the current number of Covid cases, recovered people, and death worldwide
- Implemented a chart module for a better visual representation of data

TECHNICAL SKILLS

- **Languages:** *Java, Javascript, Python*
- **Web Technologies:** *React.JS, Angular, Node.js (Express.js), HTML, CSS, Bootstrap*
- **Cloud Services:** *Google Cloud Platform(GCP) - Cloud Functions, Cloud Build, Cloud Run, GKE*
- **Databases:** *MongoDB, MySQL*
- **Tools:** *Git, Postman, Jenkins (CI/CD), ClickUp (Ticket Management Tool)*

CERTIFICATION

Associate Cloud Engineer (ACE) by Google

Dec 2022

EDUCATION

Bachelor of Technology in Information Technology

June 2021

- Nirma University, Ahmedabad, Gujarat, India