

KUNJAL PATEL

+1 562-391-3286 | kunjalpatel2001@gmail.com | Long Beach, CA, USA | linkedin.com/in/Kunj-al-Patel2001 | github.com/kunj-alpatel2001

EDUCATION

California State University - Long Beach
Master's, Computer Science

July 2022 - May 2024
GPA: 3.7

Indus University
Bachelor's, Information Technology

July 2018 - May 2022
GPA: 3.9

PROFESSIONAL EXPERIENCE

Associated Students, Inc. CSULB
Software Developer

Long Beach, CA, USA
June 2023 - July 2024

- Designed and implemented web interfaces using HTML, CSS, and JavaScript; resulted in an impressive 50% increase in user retention and a significant rise in repeat visits, ultimately fueling a 30% annual revenue growth.
- Spearheaded the enhancement of Joomla CMS with customized PHP extensions, elevating content management processes and workflow efficiency, leading to a 35% reduction in content update time and a 15% increase in website loading speed.
- Modernised the implementation of a live streaming radio station using React.js and Node.js, showcasing innovative web solutions; established efficient version control and collaboration processes with Git/GitHub.

Wolves Creaa Pvt. Ltd.
Software Developer

Ahmedabad, Gujarat, India
January 2022 - June 2022

- Created a comprehensive system, work tracking, and e-commerce platform for visualizing surface and objects in a 3-Dimensional Environment.
- Integrated 3-Dimensional Environment into the software for smooth visualization using Babylon JS.
- Optimized cross-browser compatibility by analyzing DOM functions and JavaScript interactions, leading to a 40% decrease in UI/UX bugs and a 25% improvement in load times across diverse browser platforms.
- Orchestrated high-stakes negotiations with 15 prospective clients, establishing new design and production benchmarks, resulting in remarkable improved product quality and reduced production costs.

ShapeAI
Data Analyst

Ahmedabad, Gujarat, India
May 2021 - September 2021

- Implemented a real-time project utilizing Tableau, Python, and machine learning; simplified data processing, saving significant time weekly.
- Streamlined the data preparation process by executing tasks such as data pre-processing, cleaning, wrangling, and mining; identified and rectified data quality issues, enhancing decision-making accuracy and efficiency by 40%.
- Applied analytics is used to identify trends and forecast market shifts, which reduces costs & minimizes stockouts through predictive modeling.

Fluxytech Technologies
Web Developer

Ahmedabad, Gujarat, India
June 2020 - March 2021

- Crafted a user-friendly, mobile-responsive design employing React.js & Node.js, ensuring optimal performance on many devices; led to a 35% increase in user interaction and a 20% decrease in bounce rates.
- Devised and applied server-side algorithms, middleware, and leveraged REST APIs to streamline processing time by 50%, resulting in a substantial boost in system efficiency.

PROJECTS & OUTSIDE EXPERIENCE

Search Engine
Search Engine

Long Beach, CA, USA
July 2023 - Present

- Spearheaded the development of a sophisticated information retrieval system leveraging Python, resulting in a 50% reduction in search query processing time and achieving top-tier search performance benchmarks in the industry.
- Processed and indexed over 30,000 diverse documents from the National Parks Service, including text and JSON files. This processed document handling for the search engine, optimizing data retrieval.
- Led the creation of an on-disk indexing system using the SPIMI algorithm in Python, improving query processing and disk utilization. Enhanced user experience with ranked search results supported by Okapi BM-25.

Textile Billing Software
Textile Billing Software

Ahmedabad, Gujarat, India
June 2021 - December 2021

- Deployed custom Java software for the textile industry, revamping billing processes, enhancing operational efficiency, reducing billing costs by 30%, and boosting revenue by 20% in just 6 months.
- Engineered an automated billing system for a textile company, reducing errors by 40% and processing time by 25% and seamlessly generating invoices with detailed client descriptions and comprehensive account summaries.

Adult Income Classification
Adult Income Classification

Ahmedabad, Gujarat, India
June 2019 - December 2019

- Led data cleaning, feature engineering, and model selection, achieving 98% income classification accuracy, potentially driving revenue growth. Managed adult income classification project predicting incomes over \$50,000 based on demographic and socioeconomic attributes.

SKILLS

Languages: Python, Java, C/C++, C#, HTML/DOM, CSS/SCSS, React.js, Node.js, Adobe Illustrator, Next.js, Javascript

Web Development Frameworks: Django, AngularJS, jQuery, Express.js, JUnit, ASP.NET, Babylon.js, Spring Boot, REST APIs

Database & Cloud Technologies: MySQL, AWS(EC2, Lambda, S3 EBS), MongoDB, Oracle, Microsoft Azure, PostgreSQL

Methodologies: Development Operations (DevOps), Scrum, Agile, Jira, Basecamp, Software Testing, MATLAB

Version Control Tools: Git, GitHub, GitLab, Tableau, Bitbucket, Docker, Selenium, Kubernetes

CERTIFICATIONS

Databases and SQL for Data Science

React JS Frontend Web Development

Python for Data Science and AI (IBM)