KUNJAL PATEL

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

SUMMARY

Dynamic and forward-thinking software developer with robust skills in Python, Java, PHP, C/C++, React.js, Node.js, AWS, Azure, & version control tools like Git and Github, known for superheading backend projects, streamlining operations through process automation., and delivering solutions that enhance revenue.

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

PROFESSIONAL EXPERIENCE

Associated Students, Inc. CSULB   Long Beach, CA, USA
Software Developer   *December 2023 - Present*
- Spearheaded the creation of compelling web experiences utilizing HTML, CSS, and JavaScript, establishing a benchmark for heightened user engagement.
- Optimized Joomla CMS with PHP extensions, enhancing content management processes and overall workflow efficiency.
- Orchestrated the implementation of a live streaming radio station using React.js and Node.js, showcasing the ability to innovate and deliver unique web solutions.
- Ensured WCAG compliance and implemented user-centric design principles, cultivating a culture of accessibility excellence within the team.
- Implemented Git/GitHub for version control, establishing efficient branching strategies and code review processes for seamless collaboration.

Wolves Creata Pvt. Ltd.   Ahmedabad, Gujarat, India
Software Developer   *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.
- Demonstrated expertise in analyzing the document object model (DOM) layout, DOM functions, JavaScript functions, and cascading styles across cross-browsers using the Fire Bug and Developer Toolbar.
- Conducted meetings with potential clients and worked with customers and management to develop standards for design and production.
- Also collated and maintained the data information into MYSQL database.

ShapeAI   Ahmedabad, Gujarat, India
Data Analyst   *May 2021 - September 2021*
- Developed a real time project using the data-visualization tools like Tableau and technologies like Python, Machine Learning and Data Analysis.
- Prepared and analysed data by performing tasks such as data pre-processing, data wrangling, data mining etc.
- Used various classification and regression techniques to identify trends and patterns, & presented findings in a clear and concise manner.
- Conducted comprehensive data analysis to optimize business strategies, streamline processes, and enhance operational efficiency.

Fluxytech Technologies   Ahmedabad, Gujarat, India
Web Developer   *June 2020 - March 2021*
- Using ReactJS & NodeJS developed a mobile responsive design that is easy to use in all types of devices such as mobile, tablets & desktop.
- Possessed a working knowledge of web protocols and various standards.
- I also built server-side logic, applied middleware to handle requests, and used REST APIs to fetch the files from the database.

EDUCATION

California State University - Long Beach   July 2022 - May 2024
Master's, Computer Science   *GPA: 3.7*

Indus University   July 2018 - May 2022
Bachelor's, Information Technology   *GPA: 3.9*

PROJECTS & OUTSIDE EXPERIENCE

Search Engine   Long Beach, CA, USA
Search Engine   *July 2023 - Present*
- Led the development of a sophisticated information retrieval system using Python, achieving rapid searching and best-in-class search functionality.
- Successfully processed and indexed over 30,000 diverse documents from the National Parks Service, including .txt and .json files. This streamlined document handling for the search engine, optimizing data retrieval.
- Implemented advanced tokenization techniques, including hyphenation processing and text normalization with the Porter2 Stemmer, to improve search accuracy and elevate the overall quality of the retrieval system.
- Designed and implemented an on-disk indexing system using the SPIMI algorithm in Python, optimizing query processing and resource utilization. This approach ensured efficient disk-based indexing for the information retrieval system.
- Integrated ranked retrieval capabilities with support for various formulas, including Okapi BM-25, providing users with relevant and ranked search results. This significantly enhanced the user experience within the extensive document corpus.

Textile Billing Software   Ahmedabad, Gujarat, India
Textile Billing Software   *June 2021 - December 2021*
- Developed a software application that can help textile businesses manage their billing processes more efficient using Java Programming and SQlite.
- Utilized programming skills which generates the bills of the textile company along with the client's description and account summary.
- Contributed to software which is user-friendly and provide a range of features to support the billing needs which leads to high engagement and satisfaction.

Adult Income Classification   Ahmedabad, Gujarat, India
Adult Income Classification   *June 2019 - December 2019*
- Worked on an adult income classification project aimed at predicting whether a person's income exceeds $50,000 based on various demographic and socioeconomic factors.
- The project involved data cleaning, feature engineering, model selection, and evaluation, with the goal of developing a machine learning model that can accurately classify income levels.

CERTIFICATIONS

Databases and SQL for Data Science
React JS Frontend Web Development
Python for Data Science and AI (IBM)