Kunjal Ashvinbhai Patel

Long Beach, CA | +1 (562) 391-3286 | kunjalpatel.netlify.app | kunjalpatel2001@gmail.com |
https://www.linkedin.com/in/kunjal-patel2001 | https://github.com/kunjalpatel2001

PROFESSIONAL EXPERIENCE

Web Developer | Associated Students Inc., Long Beach, CA   May 2023 – Aug 2024
Technology Stack: Node.js, React.js, Material UI, Next.js, JQuery, AWS, Azure, PHP, Linux, MySQL, REST APIs, Joomla

- Developed and maintained a live streaming radio website using React.js, Node.js, and SCSS, enhancing user interaction and experience.
- Integrated GitHub and **CI/CD pipelines**, reducing development time by 10% and improving code quality.
- Managed and maintained multiple websites using Joomla CMS with **PHP extentions**, focusing on enhancing functionality and user-friendliness.
- Executed batch processing for the website and enhanced the user interface with React.js, HTML/CSS & Javascript, automating workflows through **REST-based APIs**, which halved processing time.

Software Developer | Wolves Creata Pvt. Ltd., Ahmedabad, India   Jan 2022 – June 2022
Technology Stack: Node.js, React.js, Babylon JS, AWS, PHP, Python, MySQL, REST APIs, Jira

- Created a comprehensive system, work tracking, and e-commerce platform for visualizing surface and objects in a 3-Dimensional Environment 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.
- Mentored junior developers, resulting in a major reduction in software bugs and increased team productivity.
- Implemented and designed **UI/UX** enhancements, ensuring cross-browser compatibility and responsiveness.

Data Analyst Intern | ShapeAI, Mumbai, India   Dec 2020 – Nov 2021
Technology Stack: Python, Tableau, DBMS, AI/ML, AWS, CI/CD, Docker, Kubernetes

- 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 and wrangling; identified 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.

Web Developer | Fluxytech Technologies, Ahmedabad, India   April 2021 – June 2021
Technology Stack: React.js, Node.js, HTML, CSS/SCSS, Javascript, Bootstrap, SEO, Git/Github, DBMS

- 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

Search Engine   Feb 2024 – May 2024
- 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.
- Led the creation of an on-disk indexing system using the **SPIMI algorithm** in Python, improving query processing and disk utilization of over 30,000 diverse documents from the National Park Service, including text and JSON files. Enhanced user experience with ranked search results supported by **Okapi BM-25.**

Textile Billing Software   June 2022 – Feb 2023
- 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.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, TypeScript, PHP, C/C++, Java
Web Technologies: React.js, Node.js, HTML, CSS/SCSS, Bootstrap, Material UI, Joomla, 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
UI/UX Design: Figma, Illustrator, Photoshop
Certifications: Google UX Design, React - The Complete Guide, React - The Complete Guide (incl. Hooks, React Router, Redux), Python for Data Science and AI

EDUCATION

Master's, Computer Science (GPA: 3.7) : California State University, Long Beach, CA   **July 2022 – May 2024**

Bachelor's, Information Technology (GPA: 3.9) : Indus University, Ahmedabad, India   **July 2018 – May 2022**