Niranj Patel

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Computer Science Graduate with 2+ years of experience in Software Dev., Data Analysis and DevOps. Proficient with Python, SQL & MongoDB; seeking Full-time in Software Engineering, DevOps Enginner, and Data Analyst.

EDUCATION

Master of Science in Computer Science, **California State University, San Bernardino, USA** Aug 2022 –May 2024

Bachelor of Engineering in Computer Engineering, **Gujarat Technological University** Aug 2017 – May 2021

Coursework: Web Technologies, Machine Learning, Artificial Intelligence, Software Engineering, Data Structure and Algorithms, Data Mining and Business Intelligence, DBMS, Operating Systems, Computer Network.

TECHNICAL SKILLS

Programming Languages: Python, PHP, JavaScript, SQL, C, C++, and Shell Script | **Cloud**: AWS, Azure |
Design: HTML, CSS, React.js Bootstrap, Material UI | **Tools**: GIT, GitLab, Docker, Agile Principal | **Database**: SQL, MongoDB
Python Libraries: Keras, TensorFlow, NumPy, Pandas, Scikit-learn, Matplotlib.

PROFESSIONAL EXPERIENCE

Infiniqe, India | *Experienced Software Developer* June 2021 – Jul 2022

- Designed "Property Management Website" using **HTML, CSS, JavaScript, Bootstrap, and PHP** resulting in an **80%** UI responsiveness boost and **60%** User engagement increase.
- Led **AJAX** implementation on the website, cutting page load time by **50%** and boosting average pages viewed by **30%.**
- Developed **admin panel** for real-time content updates, reducing update time by **60%** and expediting new listings.
- Implemented robust **SQL** database connections, optimizing **CRUD** operations, improving data retrieval by **30%**, and reducing server load by **20%.**

Infiniqe, India | *Software Developer Intern* Aug 2020 – May 2021

- Contributed to scalable web app development, using diverse tech stack for **15%** improvement in load times.
- Played a key role in collaborative project management, driving **agile development** cycles and enhancing project delivery efficiency by **25%**.
- Participated in code reviews and debugging, leading to a **20%** decrease in user-reported bugs.

RESEARCH

Research Paper | *Architecture of AI* Nov 2022 – Dec 2022

- Researched various AI architecture frameworks like Google Tensor, Pixel Visual Core, Intel Crest, and Microsoft Catapult to assess their applicability and potential integration into organizational technology.
- Create a comprehensive report on AI architecture advancements, highlighting key findings and recommendations for future AI framework development.

ACADEMIC PROJECTS

Stock Market Price Prediction | *Machine Learning and Natural Language Processing* Jan 2023 - May 2023

- Established **LSTM networks** for stock price prediction, achieving **82%** accuracy, showcasing expertise in time-series analysis for financial forecasting.
- Utilized **SVM, decision trees, and neural networks** to forecast stock prices and volatility, enhancing prediction model performance for informed trading decisions.
- Developed **ML model** exceeding accuracy, offering actionable insights for short-term investment strategies.

Pet Bingo Game | *Unity Game*| *Link* Aug 2022 - Dec 2022

- Created an engaging Pet Bingo game in **C#** within Unity Studio, leading to a **40%** rise in user engagement.
- Executed **CI/CD pipelines**, enhancing and reducing deployment times by **30%**.
- Integration of the **Scrum model** boosted team collaboration and accelerated feature development by **25%**.
- Applied thorough **automated and manual test** plans with **Azure Test Plans**, enhancing software quality by resolving **90%** of critical bugs pre-production.

Sales Data Dashboard | *Data Analysis using Power BI Tool |Link* June 2021-July 2021

- Launched a sales dashboard delivering vital data insights to client and senior management, driving a **20%** surge in data-driven decision-making.
- Achieved data quality filter to remove **noisy data, cleaning, clustering, and transformation** protocols that improved overall data integrity by **35%.**