Vraj Patel

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EDUCATION

California State University, Long Beach   Long Beach, CA
*Bachelor of Science (BS) in Computer Science | **GPA**: 3.5/4.0*   *Aug 2019 – May 2023*

TECHNICAL SKILLS

Languages:	Python, Java, JavaScript, C++, SQL, GraphQL
Databases:	MySQL, MongoDB, Oracle, Postgres, MS SQL Server
Web Technologies:	HTML, CSS, ReactJS, jQuery, NodeJS, JSON, REST, Tailwind CSS, DaisyUI
Project Management:	Confluence, JIRA, GIT, Smartsheet, Trello

EXPERIENCE

Hot Topic Inc.   Jun 2022 – Present
IT Project Management Intern   *City of Industry, CA*

- Assisted **two** large-scale omnichannel projects with a total **budget** of **$2.2 million**, collaborating with **cross-functional** teams of engineers, designers, and finance professionals to ensure **project success**.
- Provided regular updates on **project scope, roadmap, and key milestones** to senior leadership through progress reports, resulting in a **50% reduction** in escalations and delays and enabling the team to deliver projects on time and within budget.
- Collaborated with **PMO and DevOps** teams to optimize a test case repository in Jira and Smartsheet, resulting in a **35% increase** in test-case management **efficiency**.
- Successfully delivered a **substantial return** on investment (ROI) of **$2.5 million** through the implementation of an on-premises active omni solution, utilizing strategic planning to ensure **successful software/project releases**.

Decimal Point Analytics   Nov 2020 – Mar 2021
Software Developer Intern   *Remote*

- Coordinated with UX designers to build **interactive prototypes** for user testing; implemented feedback and **improved** the **conversion rate** of a **key funnel by 25%**
- Leveraged **Python and Flask** to design and implement a secure GUI login page, achieving a **37% increase** in efficiency and maximum user satisfaction through a **data-driven** and **user-centric** approach.
- Collected and parsed data for research and data management solutions in financial institutions, utilizing **advanced analytics tools** such as **MongoDB and Python libraries** to drive insights and **actionable results**.
- Orchestrated **cross-functional coordination** among internal teams to ensure timely launches of successful, high-quality products, utilizing technical program manager expertise to **drive project success**.

PROJECTS

StuXpert, *CSULB - Hackathon*   Feb 2023 – Feb 2023

- Contributed to the **design and development** of a community-based discussion platform as a **Full-Stack Web Application**, collaborating effectively with a team of four.
- Designed a **user-friendly** interface for the platform using **Figma, ReactJS, DaisyUI, and TailwindCSS**, enabling users to post, like, dislike, and comment on content.
- Leveraged **Google Cloud** and **Firebase's Firestore** Database to authenticate users and store user information for the backend.
- Improved information retrieval from the database by **over 50%** by utilizing **cloud services**.

Automobile Dealer Inventory, *CSULB*   Jan 2022 – Apr 2022

- Designed and created an automobile dealer inventory and sales system model, leveraging **PostgreSQL**, UML diagrams, and relation scheme diagrams to increase search result **efficiency by 25%** and improve overall **system performance**.
- Co-ordinated with stakeholders to gather **product requirements** and developed physical data models using Data Grip, creating **DDL scripts** to design database schema and objects and ensure accurate implementation of requirements.
- Implemented **rigorous security protocols**, including input validation and parameterized queries, to mitigate the risk of **SQL injection attacks** and ensure **90% reduction** in security breaches.
- Optimized **SQL database** performance by performing updates to **minimize incorrect results by 80%**, and successfully delivered a **high-accuracy** database deployment project with a **95% success rate**.

LEADERSHIP EXPERIENCE

- **Personal Finance Mentor:** Provided personalized guidance to a group of 5 individuals in building and managing stock portfolios and personal finances. The collective worth of their stock portfolios exceeds $65,000.
- **Event Staff Lead, TEDx CSULB:** Liaised with speakers and relevant departments to successfully plan and execute speaker events.