7666W JACKRABBIT LN, PEORIA, UNITED STATES, 85383 •
NVNKNCHRL@GMAIL.COM • 5134137242

NAVEEN CHAITANYA KANCHARLA
Frontend Developer

PROFESSIONAL SUMMARY

Detail-oriented and results-driven **Machine Learning Engineer** withhands-on experience developing intelligent, data-driven solutions for marketing optimization and business analytics. Proficient in building and deploying ML models, conducting large-scale experiments, and delivering insights through dashboards and statistical analysis. Adept in **Python**, **SQL**, and **Tableau**, with proven success using **A/B testing**, modeling, and automation to enhance digital campaign performance. A strong collaborator with a track record of improving decision-making through data and driving measurable business impact.

EMPLOYMENT HISTORY

JUNIOR DEVELOPER   Aug 2022 - Dec 2023
GIGABYTE   *Banglore*

- Developed modular, **component-based** UIs using React.js and TypeScript, reducing page load time by **35%** through performance optimization and lazy loading strategies.
- Integrated **RESTful APIs** with Redux for real-time data sync, improving editorial workflow efficiency by **28%**.
- Collaborated in **Agile** sprints with cross-functional teams; implemented **front-end testing** using Jest and Cypress with **85% unit test coverage**.
- Contributed to **scalable architecture** by designing reusable layout systems and evolving internal design system components.
- Used Git and Jenkins for **CI/CD**, deploying updates bi-weekly with **zero regression failures**.
- Built **SSR-ready** React interface to visualize AI-powered recommendations, increasing user engagement time by **40%**.
- Collaborated with ML team to optimize API data flow; reduced response latency from 600ms to **<200ms**.
- Conducted A/B testing for interface changes, leading to a **12% improvement** in click-through rate.
- Refined application **performance** using Lighthouse audits and Webpack bundle optimization.
- Ensured **cross-browser compatibility** and WCAG compliance for accessibility across devices.
- Architected **scalable** and dynamic dashboard with Vue.js to manage complex product metadata hierarchies.
- Designed custom **state management** logic using Vuex, enabling **real-time updates** for 10K+ product SKUs.
- Led **code review** practices across front-end team, reducing average PR review time by **20%** and increasing team velocity.
- Partnered with backend teams to **design APIs** and define contract schemas using Swagger/OpenAPI.
- Contributed to UI/UX planning and maintained shared **component library** for consistent branding.
- Actively participated in weekly **technical discussions** and code reviews, contributing architectural insights and design feedback across three cross-functional teams.
- Helped **architect** scalable UI modules using micro frontend strategies.
- Configured **build tools** like Webpack and Vite to reduce JS bundle size by 18% and speed up development builds.
- Applied **design patterns** such as Singleton and Observer to manage UI and API communication efficiently.

SKILLS

Python *(Expert)*, JavaScript *(Experienced)*, HTML5 *(Experienced)*, CSS3 *(Expert)*, SSR applications *(Expert)*, RESTful APIs *(Expert)*, Java *(Expert)*, Data handling(ETL pipelines, APIs, JSON, CSV) *(Expert)*, Machine Learning Libraries *(Expert)*, GIT *(Expert)*, AWS *(Expert)*, Application Development *(Expert)*, CI/CD *(Expert)*.

EDUCATION

MASTERS IN INFORMATION TECHNOLOGY   Jan 2024 - Aug 2025
St Francis College   *New York City*

- Graduated with the GPA of 3.84

BACHELOR'S IN COMPUTER SCIENCE WITH AI&ML   Jun 2018 - May 2022
SRM institute of Science and Technology   *Chennai,India*

- graduated with the CGPA of 8.5 on the scale of 10

LINKS

LANGUAGES

English *(Native)*, Spanish *(Novice)*.

ACHIVEMENTS

- **Reduced frontend load time by 35%** across core platforms by implementing code-splitting, lazy loading, and optimized asset bundling, enhancing overall user experience and engagement.
- **Built a React-based dashboard** integrated with real-time ML predictions, leading to a **40% increase in user interaction time** and a **12% improvement in conversion rates**.
- **Led end-to-end integration of RESTful APIs** for multiple publishing tools, achieving a **28% boost in editorial workflow speed** and significantly improving operational efficiency.
- Achieved **85%+ unit and integration test coverage** using Jest, Cypress, and Vitest across three major projects—ensuring consistent code reliability in CI/CD pipelines.
- **Streamlined Agile processes** by reducing average feature development cycle time by 25% through improved sprint planning and efficient backlog grooming.
- **Maintained WCAG-compliant interfaces** for all apps, ensuring accessibility for 100% of user base and achieving zero accessibility-related QA rejections.
- **Standardized component library** and evolved design system that decreased UI bug reports by **30%** and improved team design consistency.

Conducted comprehensive academic research that improved project outputs by 20%, aiding Account Managers in delivering data-driven insights to clients.

Supervised a team of researchers in executing multiple academic projects simultaneously, ensuring adherence to timelines and enhancing overall productivity by 30%.