

# Nency Patel

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## EDUCATION

<b>Illinois Institute Of Technology</b> <i>Masters of Computer Science   GPA - 3.70/ 4.00</i>	Chicago, IL 08/2023 – 05/2025
<b>Vishwakarma Government Engineering College</b> <i>Bachelor of Computer Engineering   GPA - 3.87/ 4.00</i>	Gujarat, India 06/2018 – 06/2022

## EXPERIENCE

<b>Software Developer Intern @ Hyphenova Network</b>   Chicago, IL <ul style="list-style-type: none"><li>Designed and directed backend architecture for a brand-creator collaboration platform using FastAPI, PostgreSQL (Supabase), and RESTful APIs, enabling secure authentication, real-time data sync across web/mobile, and reducing API latency by 20%.</li><li>Enhanced API performance by introducing caching and optimizing DB queries, achieving a 30% drop in response times.</li><li>Directed cross-platform applications with FlutterFlow, React Native, focusing on UI efficiency and visual mockups using Framer, reducing development time by 30%.</li><li>Automated end-to-end testing with Jest and device emulators, improving test coverage by 15% and reducing production defects.</li><li>Actively contributed to sprint planning and backlog grooming, improving team velocity and delivery timelines by 15%.</li><li>Collaborated with cross-functional teams to gather and refine user requirements, converting into 30+ actionable user stories per sprint and enhancing overall product usability.</li></ul>	09/2024 – 12/2024
<b>Jr Software Engineer @ Infilon Technologies Pvt Ltd</b>   Gujarat, India <ul style="list-style-type: none"><li>Drove performance improvements across five full-stack applications developed with MERN and Next.js, advancing code-splitting strategies that decreased initial JavaScript bundle sizes by 30% and improved page load times by 2 seconds.</li><li>Engineered a scalable library of 15+ reusable React components and introduced GraphQL queries, reducing code duplication by 20% and accelerating UI development by 15% across sprints.</li><li>Led UI/UX optimization efforts for full-stack apps using Tailwind CSS and component-based design, enhancing visual consistency and accessibility by 25%.</li><li>Revamped Git branching strategy and implemented pull request review protocols, leading to a 20% decrease in production bugs and improving team code quality through enforced peer review cycles.</li><li>Engaged in Git-driven code reviews and participated in daily Agile stand-up meetings, using Bitbucket and Jira for collaborative project management.</li></ul>	07/2022 – 06/2023
<b>Software Developer @ Esmsys Pvt Ltd</b>   Gujarat, India <ul style="list-style-type: none"><li>Engineered API security protocols, 15 critical API security issues, surpassing targets by 20%, and safeguarding user data.</li><li>Optimized server performance in a high-traffic Node.js application by implementing in-memory caching (Redis) and refining MongoDB queries, resulting in a 48% improvement in response times.</li></ul>	01/2022 – 06/2022
<b>Full-stack Developer Intern @ PruthaTek</b>   Gujarat, India <ul style="list-style-type: none"><li>Designed intuitive web application interfaces using Tailwind CSS and Figma, improving usability scores in user testing by 20%.</li><li>Revamped e-commerce site's PHP infrastructure to address critical bugs and improve user experience, leading to the identification of slow loading times that fixed the three biggest causes of abandonment.</li></ul>	06/2021 – 10/2021

## PROJECTS

<b>GitState</b>   <i>Python, Flask, React, PostgreSQL, Docker, ML</i> <ul style="list-style-type: none"><li>Initiated a full-stack analytics platform using React, Flask, and Redux Toolkit to track GitHub repository activity, enabling real-time insights into issue creation, closure rates, and contribution trends and improving code review efficiency by 40%.</li><li>Designed and deployed containerized microservices with Docker on the Google Cloud Platform, ensuring scalable backend APIs and ML inference.</li><li>Integrated LSTM, Prophet, and StatsModel forecasting models into Flask services to predict future issue activity, achieving 90 %+ accuracy in visualization.</li></ul>
<b>Lost Persons Record</b>   <i>MongoDB, Express.js, React.js, Node.js, WebSockets, RESTful API</i> <ul style="list-style-type: none"><li>Architected a MERN stack web application secure user authentication and data encryption, protecting sensitive personal information for over 50 registered users searching for relatives.</li><li>Constructed role-based dashboards to boost security and streamline UX by 60%.</li><li>Enabled Integrated live REST API alerts, increasing user engagement by 30% in the first month.</li></ul>

## TECHNICAL SKILLS

<b>Languages:</b> Python, Java, JavaScript, TypeScript, SQL, HTML5, CSS, Dart, C++, C, c#
<b>Frameworks::</b> ReactJS, NodeJS, Express, FastAPI, Flutter, FlutterFlow, jQuery, NextJS, React Native, GraphQL, Apollo, AngularJS, Flask, TailwindCSS , Redux Toolkit, Flask , Tailwind CSS
<b>Databases:</b> MongoDB, PostgreSQL, MSSQL Server, MySQL, Oracle, SQLite , Database Design, Data Modeling
<b>Tools:</b> Linux Shell Command, GIT, AWS , Postman, GCP, Docker, Git, GitHub, Jira, Swagger, Gitlab, Terraform, Scrum, Framer, Figma
<b>Data Science &amp; Machine Learning:</b> TensorFlow, MATLAB,Scikit-learn, Data Visualization, Spark, Hadoop, NLP, Keras, NumPy, Pandas, ETL