

# Neel Patel

Philadelphia, PA | 267-772-9744 | [neelp060@gmail.com](mailto:neelp060@gmail.com) | [github.com/Neel37389](https://github.com/Neel37389) | [neelpatel-portfolio.vercel.app](https://neelpatel-portfolio.vercel.app)

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6+), HTML5, CSS3

**Frameworks & Libraries:** React, Next.js, Tailwind CSS, shadcn/ui, Recharts, jsPDF, Framer Motion

**Tools & Platforms:** Git, GitHub, Vite, Vercel, VS Code, Jest, npm

**Backend & Services:** Supabase (Auth + Database), REST APIs, OpenAI API (GPT-4.1-mini), NewsAPI, GitHub REST API

## PROJECTS

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### AI News Intelligence Dashboard

Mar 2026 – Present

**Tech:** Next.js, React, Tailwind CSS, shadcn/ui, Supabase, OpenAI API, NewsAPI, Recharts, Jest

**Live:** [ai-news-intelligence-dashboard.vercel.app](https://ai-news-intelligence-dashboard.vercel.app)

- Integrated NewsAPI to fetch live articles and OpenAI GPT-4.1-mini to generate 3-bullet AI summaries per article on demand.
- Built an interactive analytics dashboard with a Recharts bar chart visualizing topic frequency across saved articles, plus stat cards for total saves and unique sources.
- Implemented Supabase authentication and database persistence for user-specific saved articles, with full sign-up and login flow using Supabase Auth and SSR cookie handling.
- Implemented a modal-based article detail view with save/unsave toggling, tag badges, and real-time AI summarization — fully responsive across mobile and desktop.
- Wrote Jest unit tests covering article fetching and saved-article state management.

### GitHub AI Resume Analyzer

Feb 2026

**Tech:** React, Vite, Tailwind CSS, Custom Hooks, Service Layer, OpenAI API, GitHub REST API, jsPDF

**Live:** [ai-resume-builder-five-nu.vercel.app](https://ai-resume-builder-five-nu.vercel.app)

- Built a full-stack AI tool that fetches a user's public GitHub repos, scores them out of 10, auto-detects skills, and generates tailored resume bullet points based on a target role.
- Architected clean separation of concerns using a service layer and two custom hooks (useGithub, useAI) to independently manage GitHub fetching and AI analysis lifecycle.
- Delivered a polished UX with animated skeleton loaders, retry-capable error handling, dark/light mode toggle, and one-click PDF export of the AI-generated resume summary.

## EDUCATION

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### B.S., Information Science and Technology

2024

Temple University — Philadelphia, PA

### A.S., Computer Science

2021

Bucks County Community College — Newtown, PA