Zeel Chaudhari

Full-Stack & Frontend Software Engineer Intern

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EDUCATION

Rowan University — B.S. in Computer Science (GPA: 3.2) **Expected 2028**

Rowan College of South Jersey (RCSJ) — Associate Degree **Completed**

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, HTML5, CSS3, SQL

Frameworks & Libraries: React, Next.js, Vite, Tailwind CSS, Node.js, Express.js, Framer Motion

Web APIs & Tools: Web Audio API, HTML5 Canvas, WebAssembly / Tesseract.js, REST APIs, Git, Playwright, Vitest

FEATURED PROJECTS

explainthiserror — Terminal & Error Debugger | *React, TypeScript, Express* **explainthiserror.dev**

- Developed an interactive developer tool that parses compiler errors and stack traces into actionable plain-English fixes.
- Integrated a high-speed Groq API inference pipeline with syntax highlighting and client-side sanitization.

PredictWin — Live Sports Scoreboard | *React, TypeScript, Vite, Tailwind CSS* **predictwin.net**

- Built a multi-sport live scoreboard with adaptive polling (8s live / 30s idle) and cache-first state loading.
- Engineered a telemetry and win-probability visualizer comparing statistical models against market consensus odds.
- Created a downloadable PNG game recap generator with client-side theme persistence.

ztyp — Typing Speed & Flow Engine | *React, TypeScript, Vite, Tailwind CSS, PWA* **ztyp.app**

- Built an offline-first typing speed application with 195 WCAG AA themes and canvas-assisted smooth frame pacing.
- Synthesized 26 acoustic mechanical keyboard sound profiles with stereo panning via Web Audio API.
- Created a multi-language Code Sandbox with syntax tokenization across 8 languages and spaced-repetition error training.

Foragia — Recipe Generation App | *React, Node.js, Express, MongoDB, Tailwind CSS* **foragia.com**

- Developed a full-stack recipe generator suggesting meals based on available ingredients to minimize food waste.
- Built RESTful API endpoints in Express with MongoDB data caching and a responsive client-side UI.

EXPERIENCE

Crew Member — Dunkin' **Part-Time**

- Maintained high-speed order fulfillment and point-of-sale accuracy in a high-volume, team-oriented environment.