

Vishesh Agarwal

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#)

EDUCATION

VIT-AP University — B.Tech Computer Science Engineering | Expected 2028 | CGPA: 9.14

EXPERIENCE

Web Development Intern — DigitalBuzz Software Pvt. Ltd. (Jun 2026 – Present)

- Optimized a legacy production website by reducing project size by ~90% (650 MB→65 MB), cutting initial load time from ~60 s to ~2 s and improving Lighthouse Performance from 64 to 93.
- Migrated a legacy Bootstrap frontend to Tailwind CSS, removed dead code, optimized assets, introduced reusable components, and documented the codebase.
- Improved SEO and accessibility with semantic HTML, metadata, Open Graph tags, responsive layouts, lazy loading, and optimized media.
- Integrated Git-based deployment and collaboration using private repositories over SSH with cPanel, independently owning the modernization effort.

PROJECTS

thenotwish | [Live Demo](#)

Tech Stack: Next.js | Tailwind CSS | GSAP | Figma

- Designed and developed a responsive portfolio from Figma concepts to production deployment, emphasizing performance, branding, and frontend engineering.
- Achieved Lighthouse scores of Performance 100, Accessibility 95, Best Practices 100, and SEO 100 through performance optimization, semantic HTML, asset optimization, and modern frontend practices.
- Implemented smooth GSAP-powered animations while maintaining 0.7 s First Contentful Paint, 0.7 s Largest Contentful Paint, and 0 ms Total Blocking Time.

GestureDial | [GitHub Repository](#)

Tech Stack: Arduino Nano 33 BLE Sense | Python | BLE | C

- Architected an Arduino Nano 33 BLE Sense + Python system that maps gesture combinations to customizable desktop commands via a cross-platform BLE listener.
- Designed an event-driven communication pipeline between embedded firmware and host applications, enabling configurable command execution without modifying firmware.

LEADERSHIP & ACHIEVEMENTS

- President, Aranyak – The Northeast Association (100+ members).
- Designed and delivered Git & GitHub and n8n Automation workshops (100+ attendees).
- Winner, HackAura 2024.
- Runner-up (Creative Visionary), Designathon.
- Top 20% academic performer in branch.

SKILLS

Languages: Python, Java, JavaScript, HTML, CSS

Frameworks: Next.js, Tailwind CSS, GSAP

Databases: MongoDB, MySQL

Tools: Git, GitHub, Docker, Linux, VS Code, Vercel, cPanel

Design: Figma, Responsive Design, Design Systems

Interests: Distributed Systems, Networking, System Design