Gerindra Adi

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EDUCATION

University of Massachusetts Amherst **Exp. Graduation: May 2026**
Manning College of Computer Sciences, Commonwealth Honors College *Amherst, MA*
B.S. in Computer Science **GPA:3.98**

Awards: Chancellor's Award Scholarship ($16k/yr), Dean's List: Fall 2022 - Spring 2025
Coursework: Scalable Web Systems (*React*), Web Programming (*JS*), Computer Graphics (*JS*), Intro to Machine Learning (*Python*), Data Structures (*Java*), Programming Methodology (*TS*), Calculus II/III

PROJECTS

Portfolio Website | *TypeScript,React,Vercel,Tailwind,GSAP* **July. 2025 - Present**
- Developed responsive portfolio website using React, TypeScript, and TailwindCSS, deployed using Vercel, used Figma and Adobe Photoshop for UI/UX design workflow
- Implemented buttery smooth animations with GSAP animation library. Used performance techniques like image caching and throttling for optimized performance and browser experience
- Built responsive design for most screen sizes and mobile devices using media queries, deployed on Vercel to showcase personal projects and technical skills

Songbird | *Anthropic API,JavaScript,React,Tailwind* **Aug. 2025 - Present**
- AI-powered music recommender providing personalized song suggestions based on user mood, genre preferences, and artist preferences using Anthropic's Claude API
- Designed with Figma and implemented responsive interface with React and TailwindCSS, featuring an 80s vaporwave aesthetic
- Integrated real-time API calls for dynamic music recommendations, emphasizing user experience and mood-based interaction

Timeline (WiP) | *TypeScript,React,Docker,PostgreSQL* **Feb. 2025 - Present**
- Co-developing journaling web app with timeline interface for text, images, and video memories
- Leading React front-end development with GSAP animations and TailwindCSS
- Designing RESTful APIs and microservice modules for media handling, authentication, and storage with focus on scalability and modularity

EXPERIENCE

Undergraduate Researcher **Summer 2025 – Present**
University of Massachusetts HCI-VIS Lab *Amherst, MA*
- Evaluating LLM-generated fitness infographics for smartwatch applications through analysis and cross-generational perception studies, informing deployment strategies for AI in health technology
- Developed automated Express.js pipeline generating 300+ AI fitness infographics from real-world fitness tracker data, using GPT-4 and Claude APIs for digital health technology research
- Built full-stack questionnaire platform with HTML/CSS/JavaScript frontend and Google Apps Script database to capture cross-generational perception data

Undergrad Course Assistant (Intro to Computation) **Sept. 2024 – Present**
University of Massachusetts Amherst *Amherst, MA*
- Supporting over 160 students through weekly office hours and lab sessions, reinforcing core systems programming concepts and command-line proficiency in a Linux environment.
- Grading 50 assignments weekly and grading over 150 exams, gaining a deep understanding of diverse coding styles and strengthening code review and technical communication skills.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, Typescript, HTML, CSS, SQL, IA32 Assembly, Powershell
Technologies: React, TailwindCSS, Vite, Node.js, Git, Docker, Sequelize, SQL, Figma, Adobe Photoshop, Scikit-learn, Jupyter Notebooks, Pandas, Google Apps Script