Adarsh Gella

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SKILLS

Languages:	**JavaScript (ES5/ES6)**, Python, C, **TypeScript**, C++, CSS, HTML, PHP, Java
Frameworks:	Express, **Node.js**, MongoDB, **Vue.js**, **React.js**, Flutter, Next.js, **GraphQL**, Firebase, MySQL
Tools:	**Git**, AJAX, **JSON**, AWS, **REST APIs**, Linux, **Material UI**, Jira, **Docker**, Kubernetes, Azure
Practices:	**Agile**, SCRUM, **CI/CD**, Kanban, **DevOps**

EXPERIENCE

UTD, Dallas, USA: Teaching Assistant, CSE (Web Programming)   August 2025 - Present
- **Designed and evaluated** 10+ programming assignments for **80+ students**, ensuring alignment with course objectives and timely feedback to enhance learning outcomes.
- **Collaborated** with the professor to update syllabus and grading rubrics, **optimizing** clarity and reducing student queries by **25%**.

QUINBAY, Bengaluru, India: Senior Software Developer   February 2024 - May 2024
- **Launched** Seller Shipping Voucher UI with Vue.js and BLUE DLS, adopted by **10,000+** sellers in 1 month, boosting sales by **20%** through streamlined workflows and responsive design.
- **Optimized** testing workflows with a custom VSCode plugin leveraging Jest and TypeScript, **slashing** validation time by **73%** (from 80 to 22 minutes) and enhancing development efficiency.

QUINBAY, Bengaluru, India: Software Developer   June 2021 - February 2024
- **Boosted** build efficiency by 2-5x and site performance by **30%** by launching a Vue 2 to Vue 3 migration with Vite and Pinia, leveraging frontend architecture optimization.
- **Streamlined** backend development by refactoring legacy code with TypeScript and Mongoose, reducing development time by **30%** and enhancing reliability.
- **Mentored** interns in Agile workflows with Git and Storybook, achieving **100%** conversion to full-time roles through hands-on guidance and code reviews.

COVIAM, Bengaluru, India: Software Engineer Intern   March 2021 - June 2021
- **Designed** an onboarding page with React.js and JavaScript, **enhancing** new user comprehension of website features, **boosting** interface responsiveness by **20%** across client-facing applications.
- **Implemented** unit tests using Jest and Vue Testing Library, **increasing** test coverage by **25%** and ensuring feature reliability for internal tools.

PROJECTS   Projects

- **FitTrackAI** (Data Visualization & UX) (Link | Live): ((**Reached** 50+ active users) **Developed** a comprehensive health-tracking dashboard with real-time synchronization to help users achieve physique goals with AI-powered insights. Tech: React, **Firebase**, **Chart.js**, Tailwind CSS, Vite, Google OAuth.

- **VSCode Assist** (Professional Engineering) (Link): (**Reduced** validation time by 73%) **Engineered** a custom VSCode plugin to automate Jest test case generation, slashing validation time from 80 to 22 minutes and streamlining development workflows. Tech: TypeScript, **VSCode Extension API**, **Jest Integration**, Developer Tools.

- **Rizzing App** (AI Integration) (Link | Live): (**Processed** 100+ profiles daily) Built an AI-driven response generator with **OCR integration**, utilizing dating profile screenshots to provide context-aware replies with optimized responsiveness. Tech: React.js, Node.js, **Tesseract.js OCR**, OpenAI API, Railway.

- **Personal Chatbot** (Personality & AI) (Link | Live): (**Maintained** 99.9% uptime) **Built** an intelligent AI resume assistant using a YAML-based knowledge base to provide automated, instantaneous answers to professional inquiries for recruiters. Tech: **Flask**, OpenAI API, **YAML Configuration**, Render.

EDUCATION

- **The University of Texas at Dallas, Texas** (CGPA **3.78**)   USA
  Master in Computer Science - Web Programming, DB Design , Design and Analysis of Algorithms   August 2024 - May 2026
- **SRMAP University, Amravati** (CGPA **3.59**)   India
  Bachelor's in Computer Science - Data Structures, Web Development, Database Management   August 2017 - May 2021

AWARDS AND ACHIEVEMENTS

- Jonsson School Dean's Graduate Scholarship, UTD   August 2017 - June 2021
- Merit Based Tuition Fee Aid, SRMAP   August 2024 - May 2025
- Secured 2nd Runner-Up in UXperience 2024: The First Draft   November 2024