Deepak Guptha Sitharaman

Philadelphia, Pennsylvania

+1-646-421-4632 | deepak.guptha.s@gmail.com | https://www.linkedin.com/in/deepak-guptha-s-b31a12142/ | https://github.com/vzan2012/ |
https://vzan2012.github.io/

SUMMARY

Frontend Engineer & UI/UX Designer passionate about building fast, accessible, and visually refined web interfaces. Experienced in React, TypeScript, and Tailwind CSS, with a strong foundation in component-driven design, performance optimization, and accessibility. Adept at collaborating across design and engineering teams to translate research and prototypes into seamless, scalable user experiences. Currently pursuing a Master's in Human-Centered Interaction Design, with a focus on AI-driven product design and usability.

EDUCATION

Harrisburg University of Science and Technology   **Jan 2024 - Dec 2025**
Master's degree, Human-Centered Interaction Design   *Harrisburg, PA*

EPITA: Ecole d'Ingénieurs en Informatique   **Jan 2018 - Dec 2019**
Master of Computer Science, Computer Software Engineering   *Paris, France*

Anna University   **Jan 2002 - Dec 2006**
Bachelor of Engineering, Electronics and Communications Engineering   *Chennai, India*

WORK EXPERIENCE

Tradeshow Command Project - CIE Partner   **Jan 2025 - Present**
UI/UX Design Expert   *Harrisburg, PA*
- Designed and implemented interactive, data-driven dashboards following WCAG accessibility standards.
- Built responsive, reusable UI components and high-fidelity Figma prototypes to streamline developer handoff.
- Partnered with stakeholders to translate business goals into clear, intuitive web experiences.
- Conducted design and usability reviews to ensure consistency, scalability, and performance across the application.

KB Design   **Jul 2024 - Dec 2024**
UI/UX Designer & Developer Intern   *Philadelphia, PA*
- Developed mobile interfaces using React Native and TypeScript for responsive design..
- Designed accessible, user-centered layouts emphasizing clarity, hierarchy, and performance.
- Conducted usability testing and implemented iterative updates to improve interaction flow and visual consistency.

Veepee   **Dec 2019 - May 2023**
Software Developer   *Paris, France*
- Developed and optimized React- and Angular-based dashboards integrated with RESTful APIs, improving page load times by 70%.
- Collaborated on backend services using Node.js, NestJS, Python (Django), Go, and PHP, ensuring seamless data exchange and consistent front-end performance.
- Built modular, reusable UI components and improved cross-browser responsiveness across complex product dashboards.
- Migrated internal asset storage from on-premise to AWS S3, increasing reliability and UI data delivery speed by 75% for OsTicket.
- Partnered closely with designers and QA teams to deliver high-quality, accessible, and scalable user experiences.

vente-privee devient Veepee   **Mar 2019 - Aug 2019**
Software Developer   *Paris, France*
- Developed new Kronos App features using Node.js & MariaDB, increasing engagement by 70%.
- Partnered with frontend and QA teams to ensure seamless API integration and data accuracy.

Envato Community   **Feb 2018 - Feb 2019**
Contributing Author & Freelance Illustrator   *Paris, France*
- Designed 50+ vector graphics and UI illustrations, sharpening visual hierarchy and storytelling skills.
- Applied strong color theory and layout principles later used in modern web interfaces.

ImagiNET Ventures Pvt Ltd, India   **May 2011 - Feb 2018**
Senior UI Developer   *Chennai, India*
- Designed responsive web interfaces for CMS websites using WordPress and CodeIgniter.
- Developed responsive interfaces and design systems for cross-platform web and mobile apps.
- Mentored junior developers on front-end architecture and accessibility-focused design.
- Increased engagement by 75% through improved user flow and design consistency.

PROJECTS

Moovit App Redesign (HCID 540 Final Project)
- Redesigned Moovit's mobile app to improve accessibility and simplify trip planning for commuters.
- Conducted secondary research, journey mapping, and competitive analysis, leading to high-fidelity prototypes in Figma.
- Focused on color contrast, readability, and navigation clarity following WCAG 2.1 standards.

Astronomy - Picture of the Day (APOD)
- Built a ReactJS app displaying NASA's daily astronomy images with accessible layout design.

Natural Event Tracker
- Developed a interactiveReactJS app integrating NASA EONET API to visualize global events with interactive maps.

SKILLS

- **Design & UX:** Figma, Sketch, Adobe Illustrator, Adobe Photoshop, Wireframing, Prototyping, Interaction Design, Design Systems, HCI Principles, User-Centered Design, Accessibility (WCAG), Visual Storytelling and Cross-platform UI (Web, Mobile, Desktop).
- **Collaboration & Tools:** Agile Workflows, Cross-Functional Team Collaboration, Git/GitHub, Jira, Confluence, FigJam
- **Web & Frontend:** HTML5, CSS3, SASS, Responsive Web Design, JavaScript, TypeScript, React.js, React Native, Angular, Bootstrap, NodeJS and NestJS, Tailwind CSS

CERTIFICATIONS

- **Group 2: Social and Behavioral Research:**CITI Program: Jan 2024 - Jan 2027
- **Data Science Foundations:**Great Learning: Aug 2023 - Present
- **GitHub Actions - The Complete Guide:**Udemy: Feb 2023 - Present
- **Clean Code:**Udemy: Oct 2022 - Present
- **Go: The Complete Developer's Guide:**Udemy: Sep 2022 - Present
- **JavaScript Unit Testing:**Udemy: Jun 2022 - Present
- **Responsive Web Design Course:**Sololearn: Feb 2022 - Present
- **Understanding TypeScript:**Udemy: Dec 2020 - Present
- **The Complete Node.js Developer Course:**Udemy: Aug 2020 - Present
- **Modern JavaScript from Beginning:**Udemy: Sep 2019 - Present
- **M001: MongoDB Basics:**MongoDB: Jan 2019 - Present
- **MongoDB Essentials - Understand the Basics:**Udemy
- **C:**Sololearn
- **Git Complete: The definitive, step-by-step guide to Git:**Udemy
- **Command Line Essentials: Git Bash for Windows:**Udemy
- **NoSQL Database Design with CouchDB:**Udemy
- **Python 3:**Sololearn
- **JavaScript:**Sololearn
- **SQL Fundamentals:**Sololearn
- **jQuery Tutorial:**Sololearn
- **CSS Fundamentals:**Sololearn
- **HTML Fundamentals:**Sololearn
- **Accelerated NIIT:**NIIT Limited
- **Adobe Photoshop CS4:**Adobe
- **MCPS: Microsoft Certified Professional:**Microsoft
- **MCTS: SQL Server 2008, Database Development:**Microsoft