

# Deepak Guptha Sitharaman

Philadelphia, Pennsylvania

+1-646-421-4632 | [deepak.guptha.s@gmail.com](mailto:deepak.guptha.s@gmail.com) | <https://linkedin.com/in/deepak-guptha-s-b31a12142>

<https://vzan2012.github.io/>

## UX/UI Designer & Developer | UX Researcher | Software Developer

Senior UI/UX Engineer with over 10 years of experience designing and developing scalable user interfaces. Demonstrated efficiency improvements of up to 70% while modernizing applications using React, Angular, HTML, CSS, and SASS. Adept at agile methodologies, creating reusable UI components in line with Figma designs, and performing robust unit testing with Jest, Enzyme, and Jasmine.

## EDUCATION

### Harrisburg University of Science and Technology

Master's degree, Human-Centered Interaction Design

Jan 2024 - Dec 2025

### EPITA: Ecole d'Ingénieurs en Informatique

Master of Computer Science, Computer Software Engineering

Jan 2018 - Dec 2019

### Anna University

Bachelor of Engineering, Electronics and Communications Engineering

Jan 2002 - Dec 2006

## WORK EXPERIENCE

### Tradeshaw Command Project - CIE Partner

UI/UX Design Expert

Jan 2025 - Present

Harrisburg, PA

- Collaborated with cross-functional teams, including AR specialists, developers, and stakeholders, to design intuitive, scalable UI components that aligned with Figma designs and accessibility standards.
- Developed detailed wireframes, prototypes, and high-fidelity mockups using Figma, ensuring consistency with modern UI best practices and supporting agile development workflows.
- Engaged in agile workflows and sprint reviews to support continuous integration and deployment of design solutions.
- Explored interactive immersive technologies and responsive design strategies to enhance user experience and accessibility.

### KB Design

UI/UX Designer & Developer Intern

Jul 2024 - Dec 2024

Philadelphia

- Conceptualized and implemented creative UI solutions in an agile environment, integrating feedback from Product Owners and cross-functional teams to improve application responsiveness.
- Engineered and developed a mobile application using React Native and TypeScript, ensuring the creation of scalable, reusable UI components while adhering to accessibility standards and incorporating unit testing practices.

### Veepee

Software Developer

Dec 2019 - May 2023

Paris, Ile-de-France, France

- Streamlined data management by migrating database files from blob to S3 buckets, resulting in a 75% increase in efficiency.
- Improved frontend user experience by 70% by implementing bug fixes for Angular and React components for organizational products.
- Collaborated with team members to troubleshoot and fix code issues, to avoid a decrease in production downtime.

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Software Developer

Mar 2019 - Aug 2019

Paris

- Implemented new features in Kronos App using Node.js and MariaDB, leading to 70% increase in user engagement.
- Collaborated with a team to utilize Node.js and MariaDB for Back-End development of Kronos Application, resulting in improved efficiency and reduced errors.

### Envato Author Community

Contributing Author & Freelance Illustrator

Feb 2018 - Feb 2019

Paris, Ile-de-France, France

- Created over 50 vector maps using Adobe Illustrator and Photoshop, successfully featured on Shutterstock and Envato GraphicRiver.

### ImagiNET Ventures Pvt Ltd, India

Senior UI Developer

May 2011 - Feb 2018

Chennai

- Enhanced user experience by creating responsive page layouts for CMS websites, resulting in 75% increase in website traffic.
- Supported team growth by mentoring colleagues and designing user flows, prototypes, and wireframes for Android and iOS applications.

## PROJECTS

### Astronomy - Picture of the Day (APOD)

- This ReactJS application displays the Picture of the Day.
- The datas are fetched from the NASA API.
- You can register in the NASA API website to get the key and use it in the scripts file.

### Natural Event Tracker

- I have created this ReactJS application which displays the events that took in this planet.
- The datas are fetched from the NASA EONET (Earth Observatory Natural Event Tracker) API.

## SKILLS

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- **Programming Languages:** C, Core Java, Go (Programming Language), Java, JavaScript, Python, Kotlin, TypeScript
- **Frameworks & Libraries:** Angular, Angular Command Line Interface (CLI), Angular Material, Bootstrap, jQuery, jQuery Mobile, jQuery UI, NestJS, Node.js, React.js, React Native, Gulp.js, Lodash.js
- **Web Development & UI:** UI, Front-end Development, HTML, HTML5, Cascading Style Sheets (CSS), SASS, LESS, Responsive Web Design, Wireframing, Web Design, Accessibility
- **Databases:** Microsoft SQL Server, CouchDB, MongoDB, MySQL, PostgreSQL
- **DevOps & Tools:** Docker, Kubernetes, Git, GitHub, GitHub Actions, BitBucket, Jest, JSON, Progressive Web Apps, WordPress
- **Design & Prototyping:** Adobe Illustrator, Adobe Photoshop, Figma

## CERTIFICATIONS

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- **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