

Aditya Jain

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Portfolio: <https://sigri.com>

I am an award-winning design engineer with a deep background in interactive design and front-end engineering. I have a strong foundation in design principles, and love creating functional yet elegant interfaces that help people understand complex information. I am particularly interested in teams that are leveraging Artificial Intelligence and LLMs to expand their creative possibilities.

WORK EXPERIENCE

The Washington Post

Software Engineer II

05/2020 – 07/2025

Brooklyn, NY

- Contributed to the design and development of the Creator Design System (CDS), a React component library used by Washington Post's CreatorXP suite of tools that forms the backbone of the newsroom's creative workflow
- Planned, designed and developed the Reader Response Kit, a full-stack multi-container service that stores reader responses and aids the Washington Post's visual storytelling efforts. Led planning and execution of rapid prototyping around the project helping the team ship a MVP on time and on budget
- Led the design and development of The Post's ETL pipelines that power live projects such as the Hurricane and Wildfire Trackers with the creation of a serverless framework that helps the newsroom bootstrap live data projects in a short amount of time. Projects created with the help of these trackers attract millions of readers each month and help convert them into subscribers
- Worked on The Washington Post's live digital coverage of the 2020 General Election on a tight deadline in a high pressure environment, focusing on the design and development of robust and reusable React components which were delivered to millions of readers

Sigri Interactive

Designer / Front-end Engineer

11/2017 - 07/2019

Washington, DC

- Contracted with global clients such as *The Congressional Quarterly*, and *The Wire.in* for interactive graphics/prototypes with a fast turnaround time
- Created award-winning data visualizations using D3.js and modern frontend technologies, winning the prestigious and coveted *Kantar Information is Beautiful* award

Center for Strategic and International Studies

Data Visualization Designer/Developer

05/2017 - 11/2017

Washington, DC

- Created visualization products that help articulate CSIS research to policy makers and external stakeholders, and helped promote and enforce best visualization practices

Fast Forward Labs

Data Visualization and Prototyping Intern

09/2016 - 03/2017

Brooklyn, NY

- Collaborated with Data Scientists to create interactive visualizations using Machine Learning techniques that were highly performant at scale, leveraging D3.js and low-level browser APIs

EDUCATION

New York University

Master's degree, ITP Program

Graduated May 2021

- Focus on creative coding and experimental prototyping; Including courses on Physical Computing, Fabrication, and Designing for the Live Web
- Recipient of the *The Red Burns Scholarship*, 2019 and 2020
- Recipient of a discretionary award from the Office of the Dean (NYU Tisch) 2020

University of Illinois at Chicago

Bachelor's degree, Computer Science

Graduated December 2015

- Focus on Human-Computer Interaction; Including graduate level courses on User Interface Design, Virtual Reality and Social Computing
- Relevant coursework in Art and Design: *Introduction to Typography*, *Introduction to Motion Graphics*, *Analog Photography*, *What is Art?*
- Course Assistant for CS125: *Introduction to Computer Science*

SKILL SET

Languages

JavaScript, Node, Python

Frameworks

React, Next.js, Vue, Svelte

Design

Figma, Zeplin, Storybook, Chromatic, TailwindCSS

AI

OpenAI, Ollama, LangChain, ChromaDB, Llama

Graphics

D3.js, Regl, Three.js, Mapbox, Deck.gl

AWS

Step Functions, S3, Lambda, CloudFront, Route 53