

## Mustafa Saifee

saifee.mustafa@gmail.com

+358 50599 7949

### Portfolio

mustafasaifee.com

### GitHub

github.com/mustafasaifee42

### Professional Skills

Front-End Development

UI/UX Design

Information Design

Data Visualization

User Research

User Flow

Usability Testing

XR Design

Data Analytics

### Software Proficiency

#### Front-End

React.js

A-Frame

Three.js

Typescript

JavaScript

HTML

CSS

#### Back-End and Data

Express.js

Python

#### Data Visualization

D3.js

Processing

OpenFrameworks

Tableau

#### Mapping

Mapbox.js

MapLibre.js

Leaflet.js

#### Design

Figma

Sketch

Adobe XD

Adobe Illustrator

Adobe InDesign

## Experience

**UNDP, New York (Contract, Home-based)** | Nov '21–Present

### Data Visualization Analyst

- Managing and updating *data.undp.org* (data platform for UNDP). I lead a team of data visualizers, working with different stakeholders like economists, analysts, and data scientists, to create different tools and insight pages for the platform.
- Designed and developed dashboards, interactive maps, data visualization, and data stories across various development themes including vaccine equity, income inequality, and electricity access.
- Leading a project to redesign *data.undp.org*. The project involves conceptualizing a new information architecture for better discoverability of content, intuitive navigation, and redesign of the platform to match the UNDP's design system.

**Aiven, Helsinki (FI)** | Aug '21–Present

### Sr. UX Designer

*Responsible for designing a delightful developer experience. Designed and prototyped information architecture, user flow & journey, and UI/UX for:*

- **Clickhouse for Aiven:** A Fully managed cloud database.
- **Apache Flink for Aiven:** A Fully managed data streaming service.
- **Aiven Klaw (formerly called KafkaWise):** A fully self-serviced solution For managing Kafka topics and connectors

**Futurice, Helsinki (FI)** | Aug '16–Aug '21

### Sr. Designer / Designer

*Designed information architecture, data visualization, wireframes, user journey, user flows, and UI/UX for:*

- **Open Banking Developer Portal** (for a financial sector company): An interface between a set of open banking APIs and their various stakeholders. Designed easy-to-understand end-user documentation with examples and tutorials, a sandbox for testing, and an interface to manage and visualize users' API usage.
- **VR Ohjus** (for VR Group): A tool for visualizing real-time train data in Helsinki for improved and more reliable rail service. Designed and developed real-time tube maps (for the Helsinki rail network) and novel ways of visualizing data to support decision-making based on location and scheduling data.
- **Oma Fingrid** (for Fingrid Oyj): A data-driven application focusing on providing their customers (electricity companies) with live data of their electricity usage and production. Designed interactive maps to visualize the electricity grid and intuitive graphs to visualize power generation/consumption and financial data.
- **Fortum Apollo** (for Fortum Oyj): A forecasting tool that lets users do mid-term horizon hydropower forecasts and pricing. Designed intuitive graphs and reports visualizing forecasting results in a comprehensible manner. Helped in creating a new domain-specific visual templating language that Fortum's experts can easily use to create their own fully customizable graphs and reports.

**UNICEF Office of Research — Innocenti, Florence (IT)** | Jul–Sep '16

### Data Visualization Intern

*Designed and developed a dashboard for National Multiple Overlapping Deprivation Analysis, a policy tool used to identify and quantify child deprivation.*

## Academics

**Aalto University School of Arts, Design, and Architecture, Finland**

M.A. | Visual Communication Design (Focus on Information Design) | 2014–2018

**Indian Institute of Technology Bombay (IITB), India**

B. Tech + M. Tech | Electrical Engineering | 2007–2012

## Mustafa Saifee

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## Social Media

### LinkedIn

mustafasaifee

### GitHub

mustafasaifee42

### Twitter

mustafasaifee42

## Language Skills

English

Hindi

## Key Academic Projects

**VR-Viz** | Master's Thesis Project | Jan–Nov '18

Supervisor: **Prof. Rupesh Vyas** | **Aalto University, Finland**

*Designed and developed VR-Viz, an open-source JavaScript library, and visualization system for creating data visualization and maps in 3D and virtual reality on the web*

- Examples and documentation can be found *here* ([vr-viz.mustafasaifee.com](https://vr-viz.mustafasaifee.com)).
- Featured in O'Reilly's book: **Creating Augmented and Virtual Realities**.
- Shortlisted for the **Information is Beautiful** award **2019**.

## Client Projects

**Electricity Access Dashboard** | <https://electricity-access-v2.netlify.app/>

**Client:** UNDP

**Role:** Visual design, interaction design, data visualization, front-end development

**UNDP Access All Data Dashboard** | <https://zealous-sky-017344110.2.azurestaticapps.net/>

**Client:** UNDP

**Role:** Visual design, interaction design, data visualization, front-end development

**UNDP COVID Vaccine Equity Dashboard** | <https://undp-vaccine-equity-dashboard.netlify.app/>

**Client:** UNDP

**Role:** Visual design, interaction design, data visualization, front-end development

**VR Ohjus** | <https://mustafasaifee.com/vr-ohjus>

**Client:** VR | **Agency:** Futurice

**Role:** UI/UX design, interaction design, data visualization, front-end development

**Oma Fingrid** | <https://mustafasaifee.com/oma-fingrid>

**Client:** Fingrid | **Agency:** Futurice

**Role:** UI/UX design, interaction design, data visualization

**Fortum Apollo** | <https://mustafasaifee.com/fortum-apollo>

**Client:** Fortum | **Agency:** Futurice

**Role:** UI/UX design, interaction design, data visualization

## Personal Projects

**Air Quality Dashboard** | <https://airq.mustafasaifee.com/>

**Role:** Visual design, interaction design, data visualization, map design, front-end development, back-end development

**COVID-19 Dashboard** | <https://covid19.mustafasaifee.com/>

**Role:** Visual design, interaction design, data visualization, dashboard design, front-end development

**Influence Campaign On Twitter (data story)** | <https://influence-campaign-on-twitter-visualized.mustafasaifee.com/>

**Role:** Data storytelling, data visualization, front-end development, text analysis, data analysis

**Air Quality In India (data story)** | <https://air-quality-in-india.mustafasaifee.com/>

**Role:** Data storytelling, data visualization, front-end development

**India Lok Sabha Election Results** | <https://loksabharesults.mustafasaifee.com/>

**Role:** Visual design, data visualization, cartogram design, front-end development, data analysis