

Mustafa Saifee

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Portfolio

mustafasaifee.com

GitHub

github.com/mustafasaifee42

Software Proficiency

Programming

React.js
A-Frame
Three.js
D3.js
Leaflet.js
MapLibre.js
Mapbox.js
Express.js
TypeScript
Python
HTML / CSS
Processing
OpenFrameworks

Design

Figma
Sketch
Adobe XD
Illustrator
InDesign
Photoshop

Hardware Proficiency

Arduino

Professional Skills

Information Design
Data Visualization
User Research
User Flow
XR Design
Usability Testing
UI/UX Design
Front-End Development

Language Skills

English
Hindi

Experience

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

Sr. UX Designer

Designed and prototyped information architecture, user flow & journey, and UI/UX for:

- **Account and Identity & Access Management (IAM) for Aiven Web Console:**
Service that helps admins better manage their projects, services, and user access.
Designed a new data model to fit all the user needs and requirements.
- **Clickhouse for Aiven:** Fully managed cloud database.
- **Apache Flink for Aiven:** Fully managed data streaming service.

United Nations Development Programme, New York (Contract, Home based)

Data Visualization Analyst

Designed and developed dashboards, interactive maps, data visualization, and data stories across various development themes including vaccine equity, income inequality, and electricity access. My role also involves managing various projects on data.undp.org, leading a team of designers and developers, and working with different stakeholders like economists, analysts, and data scientists.

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

Sr. Designer / Designer

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

- **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 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 focussing on providing their customers (electricity companies) with live data of their electricity usage and production. Designed interactive maps to visualize 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 to visualize the forecasting results in a comprehensible manner. Also 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.

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).
- Featured in O'Reilly's book: Creating Augmented and Virtual Realities.
- Shortlisted for the **Information is Beautiful award 2019**.

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