Mark van den Steen

Full-stack geospatial software developer

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About Me

Independent full-stack developer with a strong interest in cartography and geographic data. Builds web applications that turn complex spatial information into practical tools. Usually found riding on a slow train in Eastern Europe or working from a coffee place no one knew existed.

Education

School of the Arts Utrecht
Master of Arts, Audio Design

Faculty Art, Media & Technology in Hilversum, Netherlands. Graduated cum Laude
2000 - 2005

Languages

- **Dutch** - *Native*
- **English** - *Fluent*
- **Russian** - *Conversational*

Specializing in AI-powered map building and geospatial data systems

Work Experience

Founder of Markov Media 2010 - present
Independent development studio focusing on web technology and geospatial software.

Creator of Gismark.io
Gismark is an AI-powered search engine and exploration tool for OpenStreetMap data.

Creator of Geometry Fields plugin
Open-source Strapi custom field plugin written in TypeScript for storing geospatial geometries in PostgreSQL. Published on the Strapi Marketplace and NPM

Web development and design
Developments, hosting and management of websites for organizations in the cultural sector
Long-term clients including conductor Ed Spanjaard

Graphic design
Concert posters, booklets and promotional material for events in Concertgebouw Amsterdam

Technical Facilities Technician 2001 - 2021
Technical support for concerts and international events at Concert and Congress Centre De Doelen Rotterdam, Netherlands

Software Skills

FRONT-END
HTML / CSS
JavaScript (ES5 & ES6)
React

BACK-END
Node.js
Strapi
Wordpress

DESIGN
Figma
Adobe Photoshop
Adobe InDesign

GIS
PostGIS
QGIS
Mapbox / Leaflet

DATABASE
PostgreSQL

API
RESTful

Interests

- **Hiking / mountaineering**
  climbing Elbrus (2010) and Kilimanjaro (2010) and solo ascents of highest peaks of Poland, Romania, Bulgaria.
- **Long-distance train traveling mainly through Eastern Europe and Russia**
- **Home DIY projects in carpentry and home automation**