Brahma Putra
Software Engineer, Front-End
Vue/NuxtJS Expert, WebGIS Solution Specialist

🔗 **brahmaptr.com**
Detailed portfolio

Four+ years of experience facilitating cutting-edge front-end development solutions with a wide range of applications and technology. Proven ability to leverage Design and Development expertise to build interactive and user-centered web apps to scale. Experienced building both the design and development of web apps in the field of Spatial Analysis, F&B Automation, Public Service, and others.

Experience

Cityplan Indonesia
Senior Software Engineer (Front-End) — Mar 2018 – Present

- Core developer of **dash spatia** (spatia.id), a GIS-based web app with growing data and spatial analysis tools to help the user do their location research faster and more efficient anywhere.
  Build with NuxtJS, Vuetify, Mapbox, Turf, and others. designed in Figma.

- Supervising and mentoring junior Front-End developer in a project for the Ministry of Agrarian and Spatial Planning. Introducing decoupled web architecture, NuxtJS, Arcgis Javascript, concept of state management with VueX Store, etc.

- Assisting the research team by providing tools-driven data analysis in PLN land optimization project. Building automated site-analysis tools that has an ability to deliver scoring distribution from multiple data input dynamically, with custom level of importance settings for each attributes.

- Creating interactive prototype for Electric Vehicle routing strategy and isochrone coverage for SPKLU Location.
  Designed with Figma, interactive prototype with NuxtJs, Vuetify and Mapbox.

- Developing front-end of Detailed Spatial Planning (RDTR) Interaktif for the Ministry of Agrarian and Spatial Planning.
  Build with Vue-CLI, Arcgis Javascript and others. designed in Figma.

- Building the central web apps of national spatial control and monitoring (PATROL TARU Pusat), consisting public pages and administration pages.

- Creating a web snippet that support user-friendly map-based information in Investment-map section of DPMPTSP Bandung.

- Developing Menupad, a web-app that helps culinary businesses to provide digital menus, automate whatsapp orders and organize online store links or social media for F&B business.

Ministry of Energy and Natural Resources
Software Engineer, Internship — Oct 2016 - Feb 2017

- Building GIS-Based web app, visualizing information of groundwater-level divided by classification in indonesia.

Publication

- Data-to-Text for Generating Information of Weather and Air Quality in the R Programming Language

  Journal of Engineering Science and Technology
  Vol. 14, No. 1 (2019) 498 - 508
  © School of Engineering, Taylor's University

Contact

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Personal Data

- 📅 April 26, 1996 (26 Years Old)
- 📍 Bandung, Indonesia

Education

B.A Computer Science (S. Kom)
Universitas Pendidikan Indonesia
July 2013 - December 2017
GPA: 3.65

Technical Skills

Front-End Development
- *HTML/CSS/Javascript*
- *Modern Front-End Framework (Vue/NuxtJS)*
- *Experienced in all type of FE production (SSR, SPA, and SSG)*
- *Version Control System with GitHub*
- *Testing with Jest*
- *Modern UI Framework (Vuetify, Tailwind)*
- *Ability to utilize NPM Packages*
- *Experienced with consuming RESTful API*
- *Other front-end related skills*

UX design
- *Experienced in creating High-Fidelity prototyping in Figma for government client*
- *Understanding of UX Design process*

Geospatial Engine
- *Arcgis Javascript (4.x & 3.x)*
- *Mapbox*
- *Experienced in spatial data-type operation with TurfJS*

AI/ML Knowledge
- *Experienced in building prediction model in R programming language*
- *Familiar with IBM Watson Studio*

Competition

- **IBM Cloud Data Challenge – Outcome Prediction using AutoAI** (2021)
  3rd Place Winner

  Building Techpath: a salary prediction app using IT Salary Survey for EU region dataset with CRISP-DM Methodology, Utilizing AutoAI from IBM Watson Studio.

  https://github.com/brahmaputra7/NuxtJS-AutoAI-Implementation

- **Republic of IOT (RIOT) Product Innovation 2017** (2017)
  Top 30

  Creating E-Breeding: a tool for detecting the time of estrus in cattle to optimize animal husbandry based on physical signal analysis.

- **Microsoft Imagine Cup - Innovative Category Compoetition** (2016)
  Participant

  Creating AMERA Parental Control prototype: A monitoring web/mobile app that integrates with school system to montior student behaviour and development.

Organization & Volunteer

- **Community Service Progrem**
  Environtmental Improvement of Babakan Sari, Bandung

- **Sports and Art Events of Computer Science Students**
  Joined Division of Decoration

- **25's Youth Science Club**
  ICT Executive Staff and Hydrogen Rocket Unit

Training

- Front-End Web Development
  2018, Teamtreehouse.com

- UX Design
  Google UX Design Certification (ongoing)

Interpersonal Skill

- *Ability to work under pressure*
- *Productivity management, often using pomodoro technique*
- *Analytical Skills*
- *Problem Solving*
- *Teamwork*
- *Result-driven*

Language

- *English*
- *Bahasa Indonesia*

Career Interest

- *Software Engineer, Front-End*
- *UX Engineer*
- *GIS Specialist*