

# ARJUNA PROJECT PORTFOLIO

By Arjuna Ragil Putera

# ABOUT

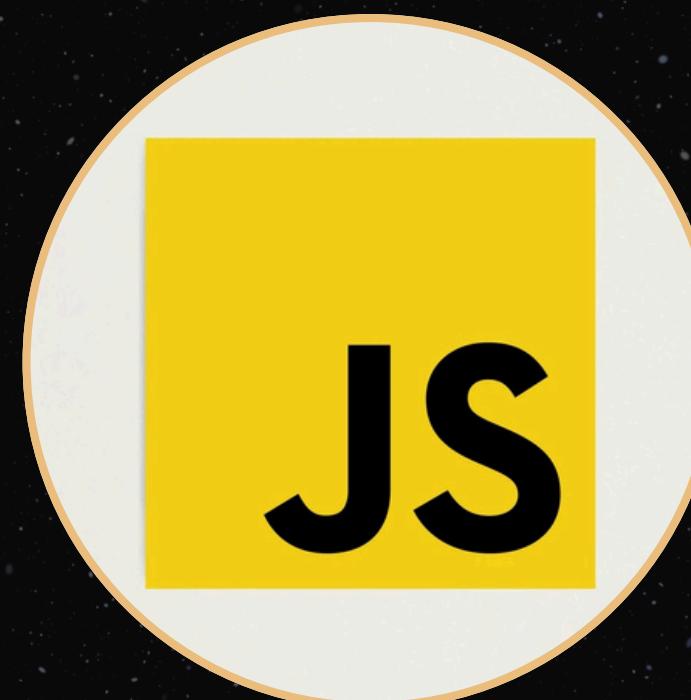
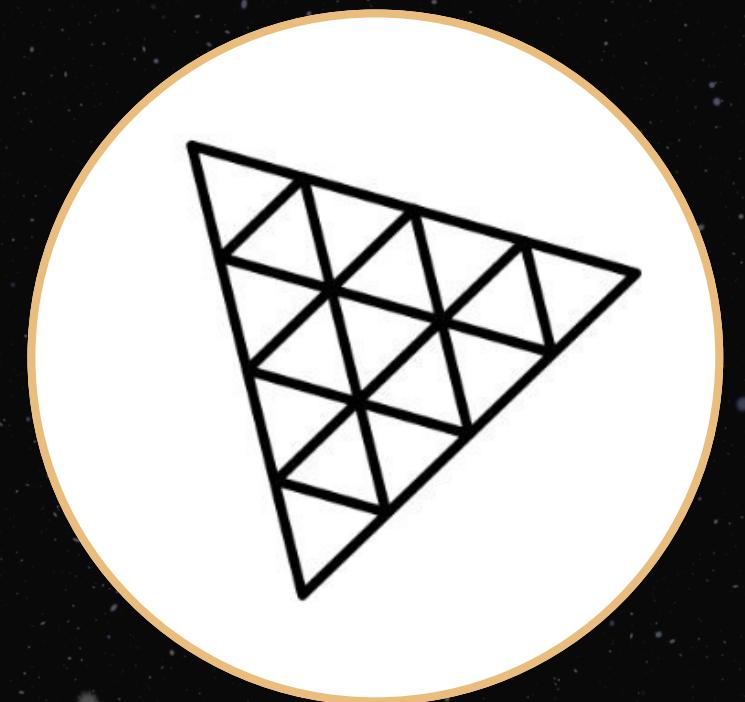
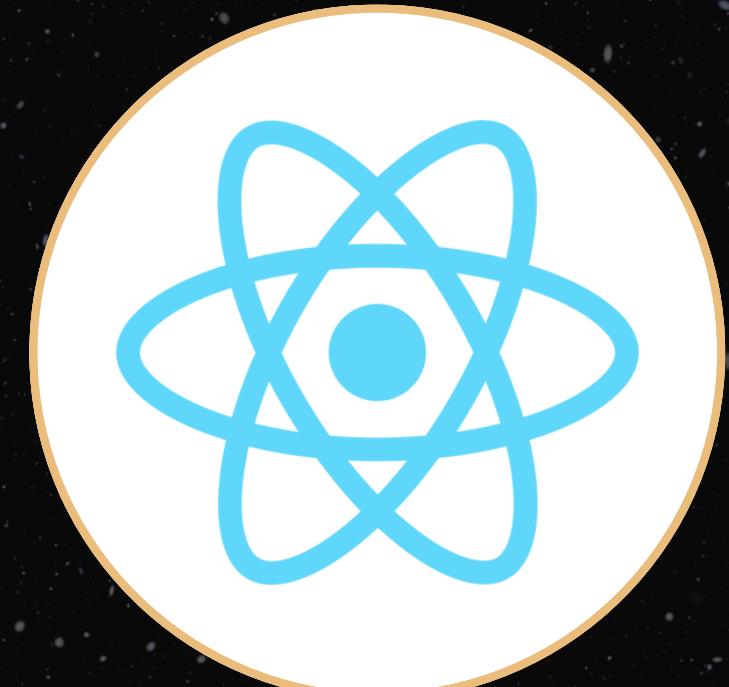
Seorang mahasiswa Sistem Informasi yang memiliki passion dalam mempelajari dan mengembangkan website yang dapat menjadi solusi untuk masyarakat.



# MY TECHSTACK

Beberapa alat yang telah aku pelajari dan menguasainya, serta menerapkannya dalam suatu project

JavaScript, React, Next.js, Three.js,  
Node.js, Express.Js, Firebase



# PROJECT CREATED



## Demokratos

A web-based platform powered by Gemini AI that helps governments analyze public needs and aspirations



## Planix

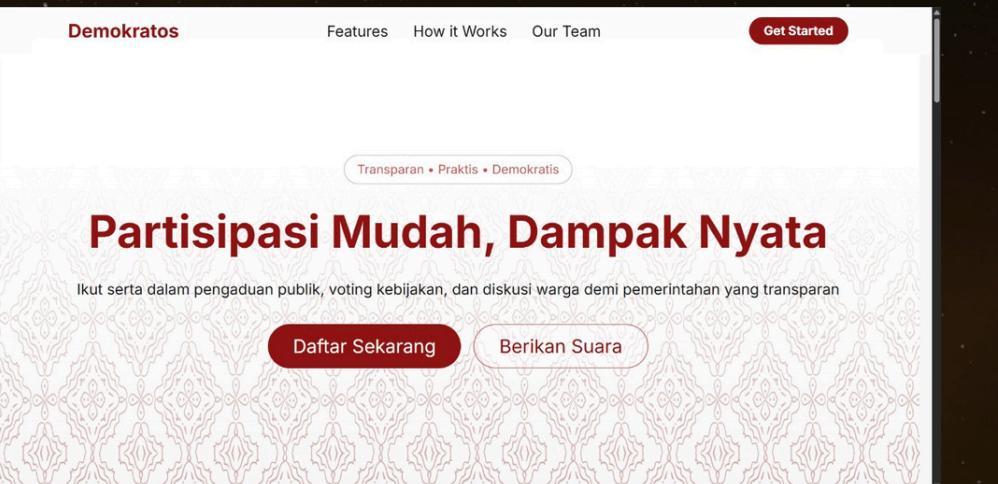
Web-based application that leverages AI (Gemini) and real-time spatial data to support urban planning and land-use analysis



## PicPrice

AI-powered web application that allows users to upload or take a picture of a product and instantly search for its average price across multiple online platforms

# DEMOKRATOS



Sebuah aplikasi berbasis web yang memanfaatkan AI (**Gemini**) untuk membantu pemerintah menemukan dan menganalisis kebutuhan serta aspirasi masyarakat. Pengguna dapat memberikan suara pada kebijakan pemerintah tertentu atau mempublikasikan masalah mereka sendiri di fitur laporan. Pengguna juga dapat saling berinteraksi melalui ruang diskusi di setiap halaman detail kebijakan dan laporan.



# PLANIX

The topography of the area is relatively flat (minElevation 2m, maxElevation 5m, avgElevation 2.8m), making it suitable for diverse urban development without significant topographical challenges.

Existing road networks and scattered building structures, as indicated by the OSM data, provide a foundation for establishing distinct residential and commercial zones, leveraging current infrastructure while allowing for planned expansion.

Result may vary, please press "rebuild" to retry and fix abnormal result

Rebuild Save & Start Chat

Welcome!

How can I assist you with this zoning plan?

- Explain the reasoning behind the residential zone.
- What are the key factors for the green space allocation?
- Suggest an alternative for the commercial area.
- Change the green zone name to 'Green Recreation and Health'.
- Make the residential area larger.

Check how suitable your saved areas are for housing and neighborhood development

Juna town 170

Juna town 170

Topography Elevation: Min Elevation 18m, Max Elevation 20m, Avg Elevation 23m

Current Weather: Temperature 25.5°C

Air Quality Index: AQI 88, Pollution pm2.5: Moderate

Mapped Infrastructure: Buildings: 16

Date: 17/08/2025, 22:23:29

View and manage areas you've saved for deeper planning insights.

Juna town 111

Topography Elevation: Min Elevation 2m, Max Elevation 5m, Avg Elevation 2.8m

Current Weather: Temperature 26.2°C

Air Quality Index: AQI 82, Pollution pm2.5: Moderate

Mapped Infrastructure: Buildings: 58

Date: 17/08/2025, 22:08:14

Juna town 111

Topography Elevation: Min Elevation 2m, Max Elevation 5m, Avg Elevation 2.8m

Current Weather: Temperature 26.2°C

Air Quality Index: AQI 82, Pollution pm2.5: Moderate

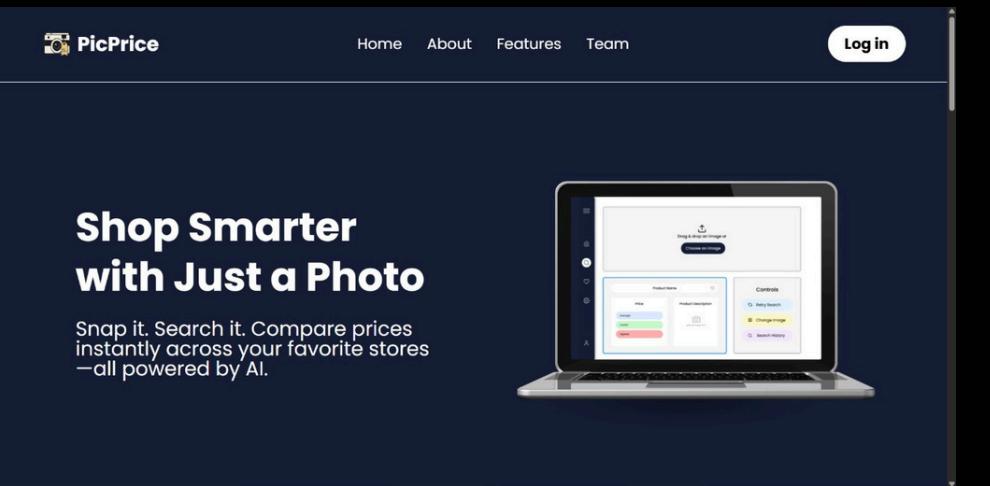
Mapped Infrastructure: Buildings: 468

Date: 15/08/2025, 20:20:34

Sebuah aplikasi berbasis web yang memanfaatkan AI (Gemini) dan data spasial real-time untuk mendukung perencanaan perkotaan dan analisis tata guna lahan. Pengguna dapat menggambar/memilih area pada peta interaktif. Lalu, PLANIX akan menganalisis kondisi lingkungan dan infrastruktur untuk menghasilkan segmentasi lahan (zona perumahan, komersial, industri, dan zona hijau) serta rekomendasi pengembangan yang disesuaikan.



# PICPRICE



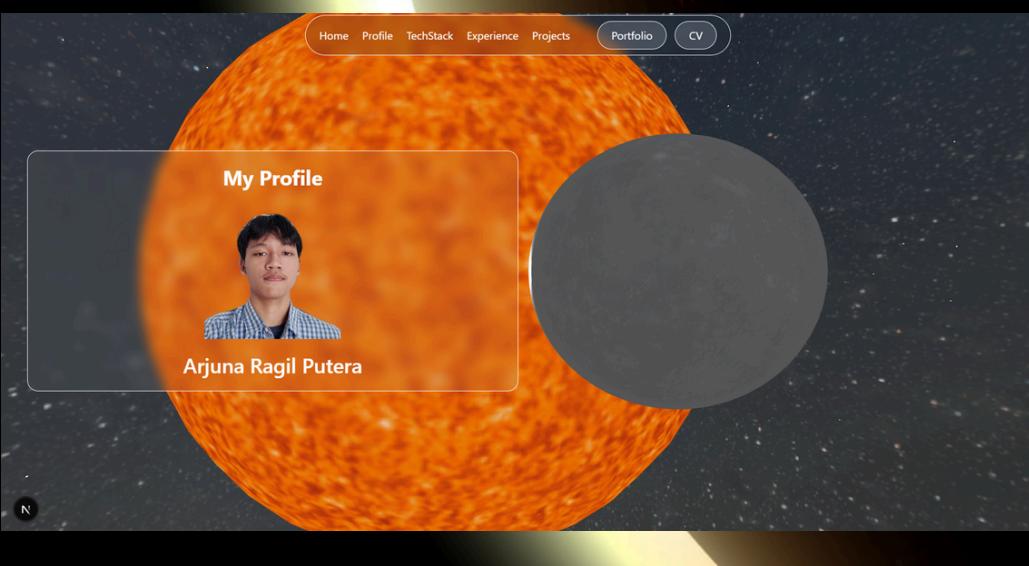
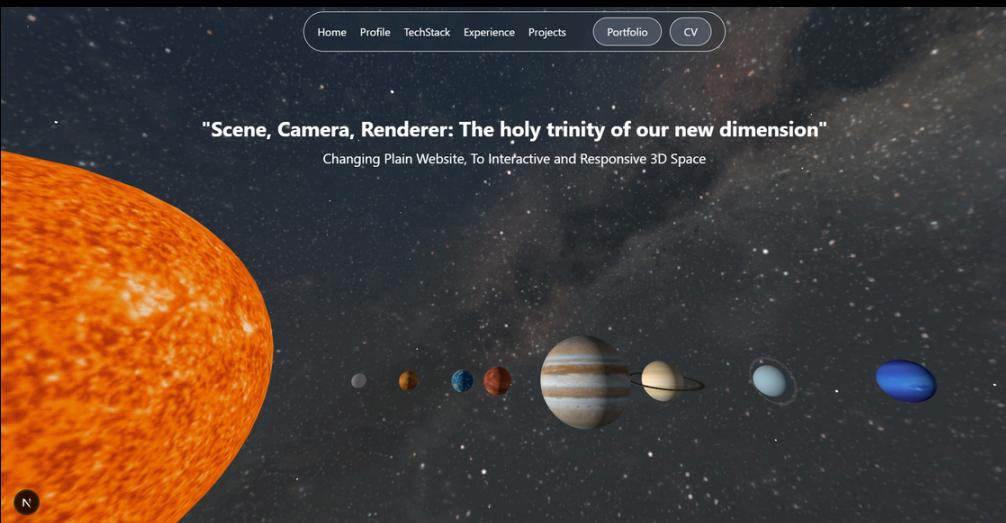
Two side-by-side screenshots of the PicPrice app. The left screenshot shows a mobile interface with a camera icon, a "Find my Price" button, and a "Tips to use this website" section with five tips. The right screenshot shows a desktop interface displaying a product image of a Nintendo Switch OLED Model, its price range (\$348.99 to \$399), and a detailed description. It also includes a "Controls" sidebar with options like "Retry Search", "Change Image", and "Search History".

Two side-by-side screenshots showing the search and history features. The left screenshot shows a search bar and a table of products with columns for Product Name, Price, and Action Buttons (Search, Buy, Like, Delete). The right screenshot shows a search bar, date filters, and a detailed history table listing various products with their purchase dates and actions.



Aplikasi web berbasis AI yang memungkinkan pengguna mengunggah atau mengambil foto produk dan secara instan mencari harga rata-ratanya di berbagai platform online.

# WEB PORTOFOLIO



[Visit Personal Website](#)

Sebuah web personal yang mengenalkan dan memperjelas informasi personal dan juga kemampuan saya secara pribadi.

Web ini menggunakan teknologi – teknologi yang saya sering pakai dan juga menunjukkan kemampuan serta kreatifitas diri saya

# CONTACT ME



+62 812-1794-2843



<https://junaportofolio.vercel.app/>



arjunaragilputera@gmail.com



<https://github.com/Arjuna-Ragil>



<https://www.linkedin.com/in/arjunaragilputera/>