

ARJUNA PROJECT PORTFOLIO

By Arjuna Ragil Putera

ABOUT

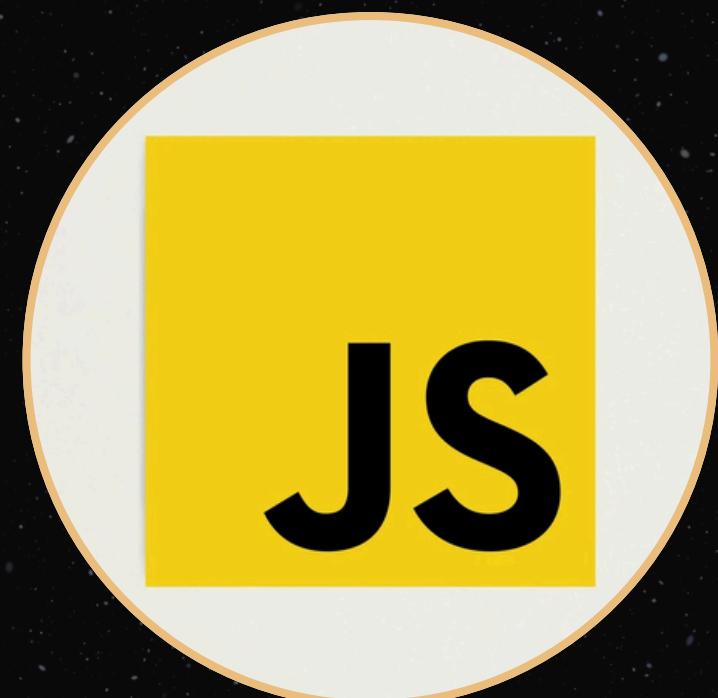
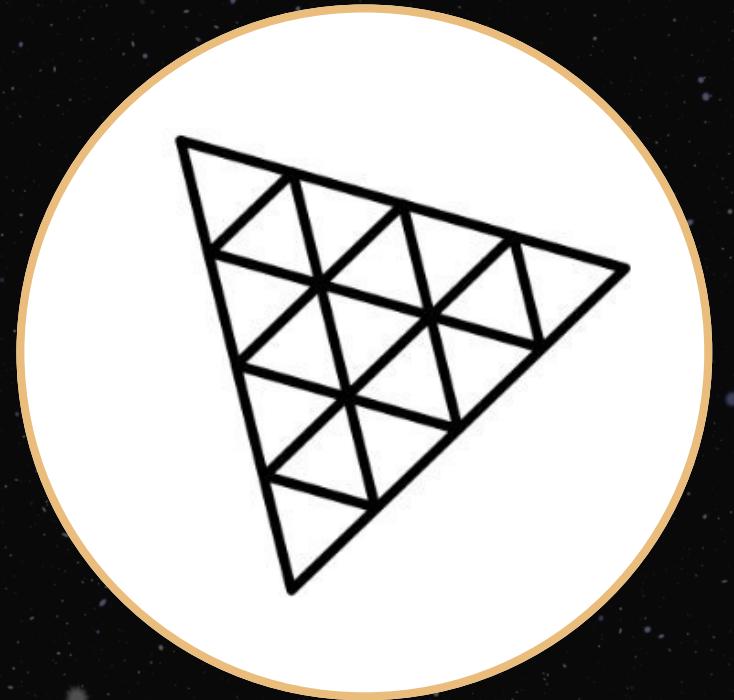
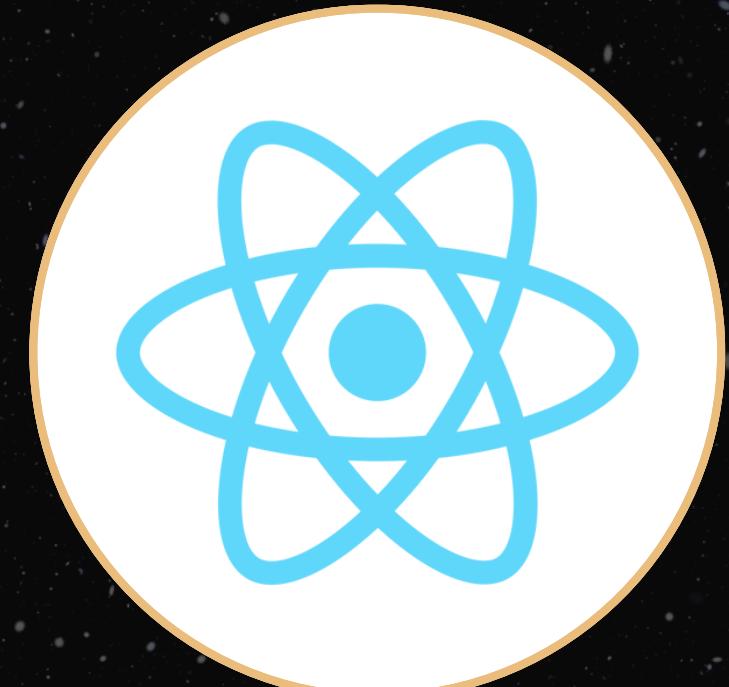
Seorang mahasiswa Sistem Informasi yang memiliki passion dalam mempelajari dan mengembangkan website yang dapat menjadi solusi untuk masyarakat.



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

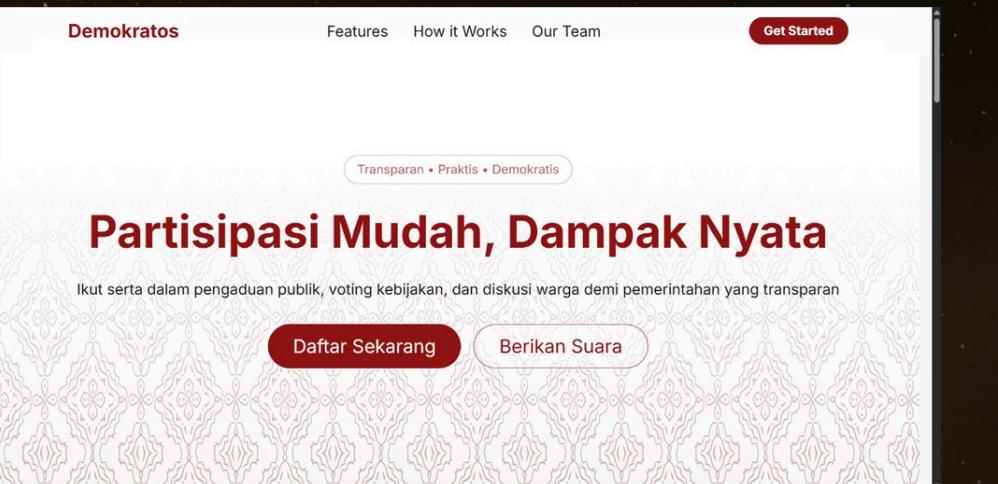
Web-based application that leverages AI (Gemini) and real-time spatial data to support urban planning and land-use analysis



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

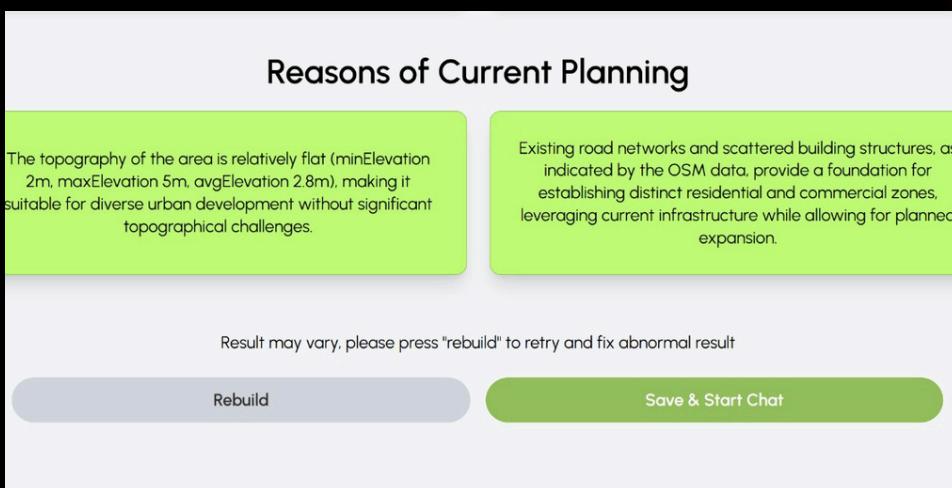
DEMOKRATOS



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

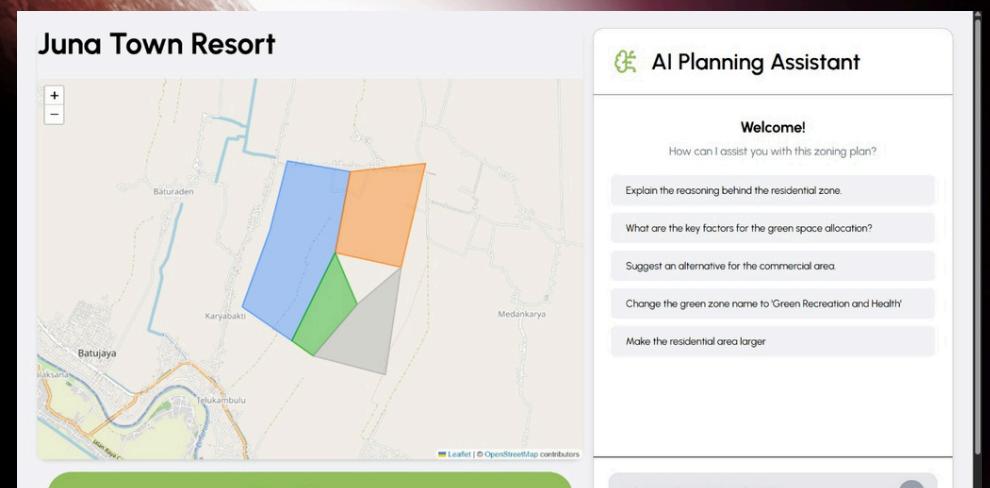


The topography of the area is relatively flat (minElevation 2m, maxElevation 5m, avgElevation 2.8m), making it suitable for diverse urban development without significant topographical challenges.

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



Juna Town Resort

AI Planning Assistant

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.

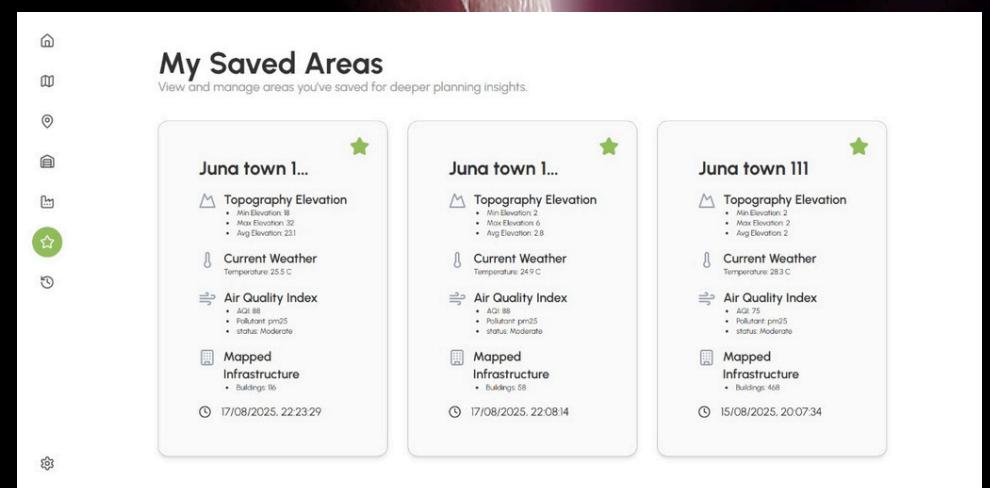


Residential Insights

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

Juna town 170

Juna town 170



My Saved Areas

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

- Juna town 111
- Juna town 170
- Juna town 111

Topography Elevation

- Min Elevation: 2m
- Max Elevation: 5m
- Avg Elevation: 2.8m

Current Weather

- Temperature: 25.0°C

Air Quality Index

- AQI: 88
- Pollution: pm2.5
- Status: Moderate

Mapped Infrastructure

- Buildings: 16

Topography Elevation

- Min Elevation: 2m
- Max Elevation: 5m
- Avg Elevation: 2.8m

Current Weather

- Temperature: 24.0°C

Air Quality Index

- AQI: 88
- Pollution: pm2.5
- Status: Moderate

Mapped Infrastructure

- Buildings: 58

Topography Elevation

- Min Elevation: 2m
- Max Elevation: 5m
- Avg Elevation: 2.8m

Current Weather

- Temperature: 24.0°C

Air Quality Index

- AQI: 75
- Pollution: pm2.5
- Status: Moderate

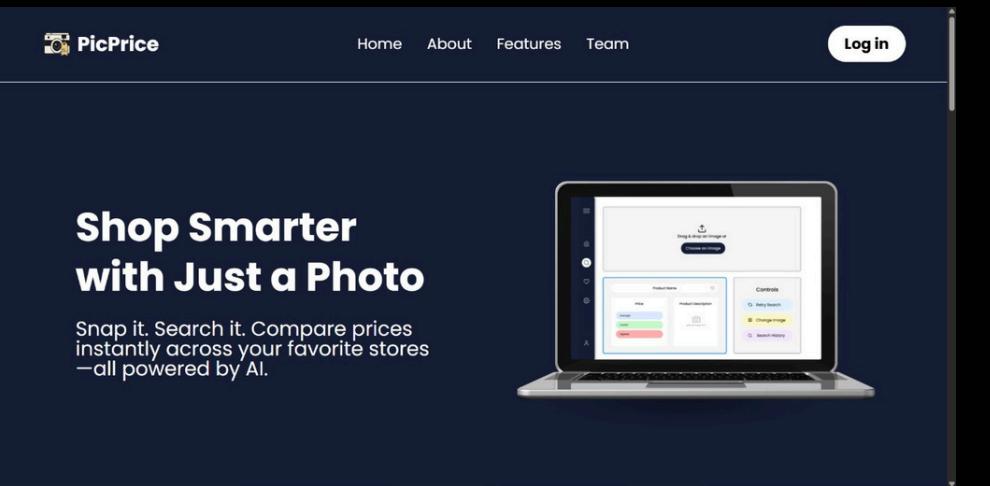
Mapped Infrastructure

- Buildings: 468

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



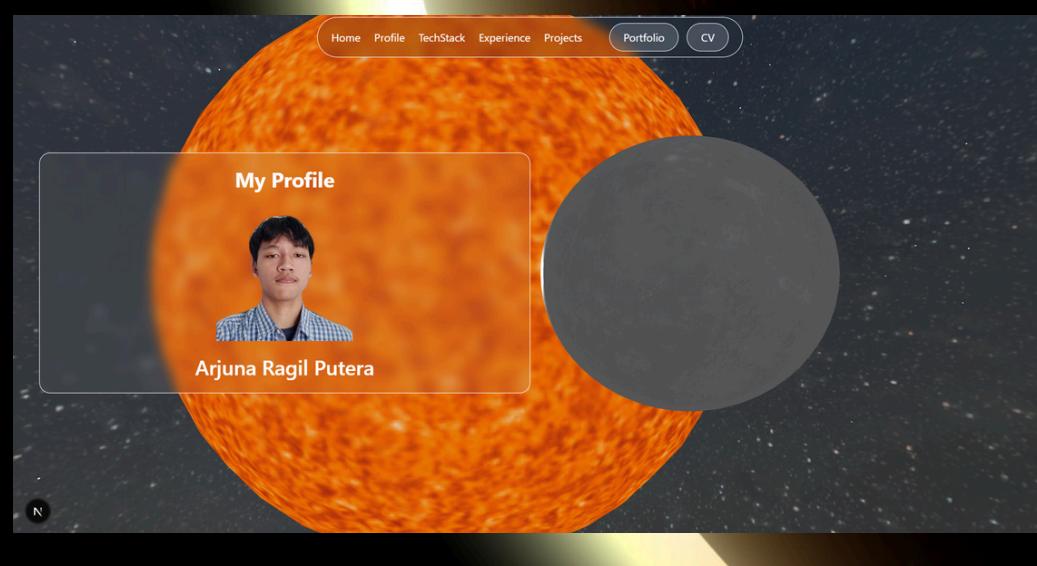
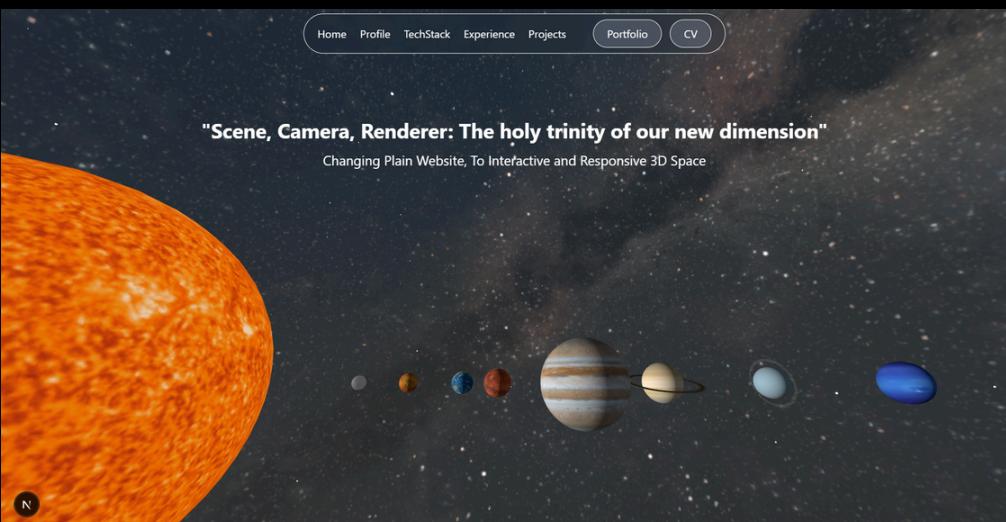
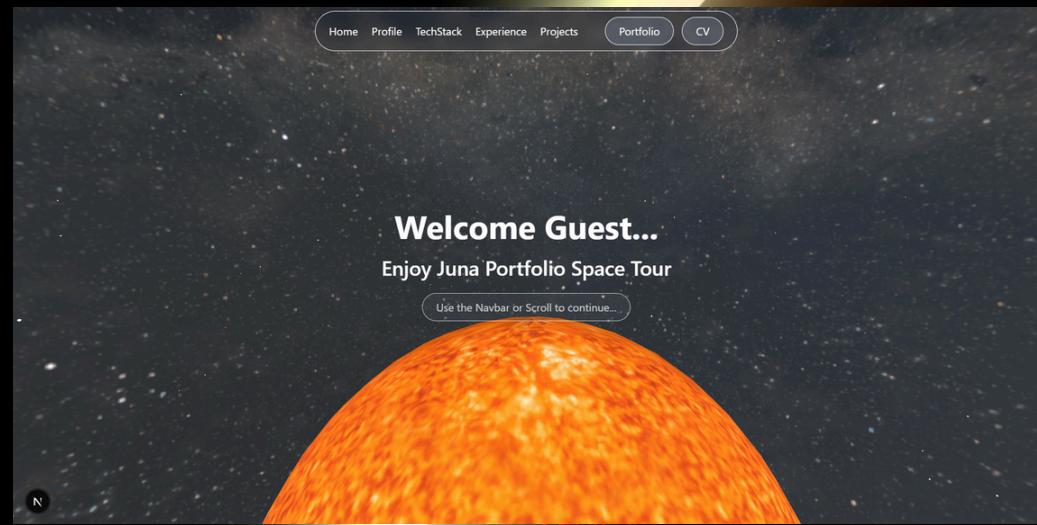
Two screenshots of the PicPrice mobile application. The left screenshot shows the main screen with a camera icon and a 'Find my Price' button. The right screenshot shows a product detail page for a 'Nintendo Switch OLED Model' with a price summary, product description, and purchase links to Amazon.

Two screenshots of the PicPrice desktop application. The left screenshot shows a search interface with a product list and action buttons. The right screenshot shows a detailed history of price searches with columns for 'Product Name', 'Price', 'Date', and 'Action Buttons'.

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



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



[Visit Personal Website](#)

CONTACT ME



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