

Artwork/Project Title

FILKOMreserV

Year Accomplished

2024

Role/Position

Fullstack Developer

Publication Link<https://potong.in/FilkomReserV>**Artwork/Project Description**

a centralized web application collaboratively built with a small team of 4 to solve the previously manual, fragmented, and error-prone room reservation system at the Faculty of Computer Science. The platform integrates the entire workflow, from requests to approvals, by implementing a real-time availability calendar and an automated admin system. Built with HTML & CSS, Golang, and Supabase, our team's solution successfully eliminates the risk of double bookings, reduces administrative workload, and streamlines the reservation process for hundreds of users.

FILKOMreserV

Beranda Buku Panduan Kontak Kami Notifikasi Login

Atur Peminjaman Ruangan dengan Mudah

Reservasi ruangan di FILKOM UB secara cepat, efisien, dan terorganisir dengan FILKOMreserV.

Tanggal Peminjaman	Waktu Mulai	Waktu Selesai	Kapasitas
mm/dd/yyyy	— : —	— : —	<input type="text"/>
Pilih tanggal peminjaman		Pilih waktu mulai peminjaman	
		Pilih waktu selesai peminjaman	
		Tentukan jumlah orang	

Ruangan yang tersedia di FILKOM

GKM

100 Orang

Auditorium Algoritma G2

300+ Orang

Your name

Arif Athaya Harahap

Your university/school name

(Student or Alumni)

Student of University Brawijaya

Your contact information

arifathayaharahap@gmail.com

Artwork/Project Title

FILOTI

Year Accomplished

2024

Project 2 of 5

Role/Position

Fullstack Developer

Publication Link

<https://potong.in/FILOTI>

Artwork/Project Description

a centralized lost and found management system collaboratively built with a team to replace the faculty's manual, security-handled process and ineffective announcements via WhatsApp. The platform enables security staff to easily log found items with images, while allowing all faculty members to browse and search a structured database for their lost belongings. Built with React, Golang, and Supabase, our team's solution significantly improves item visibility and recovery rates, ensuring crucial announcements are no longer buried in irrelevant chat noise.

The screenshot shows the 'Report Item' page of the FILOTI application. At the top, there is a navigation bar with links for 'Lost Items', 'Found Items', 'History', 'Report Item', 'Notification', and 'Logout'. The main form has the following fields:

- Report Type:** A dropdown menu labeled 'Select an Option'.
- What item?**: A text input field with placeholder text 'e.g., Brown leather wallet'.
- Item Description:** A text area with placeholder text 'Describe the item in detail...'.
- Location:** A text input field with placeholder text 'Pilih Lokasi'.
- Photos (Optional):** A dashed rectangular area with placeholder text 'Click or drag & drop files here'.
- Submit Report:** An orange button at the bottom of the form.

Name

Arif Athaya Harahap

University

Student of University Brawijaya

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Artwork/Project Title
VIATRIX

Year Accomplished
2025

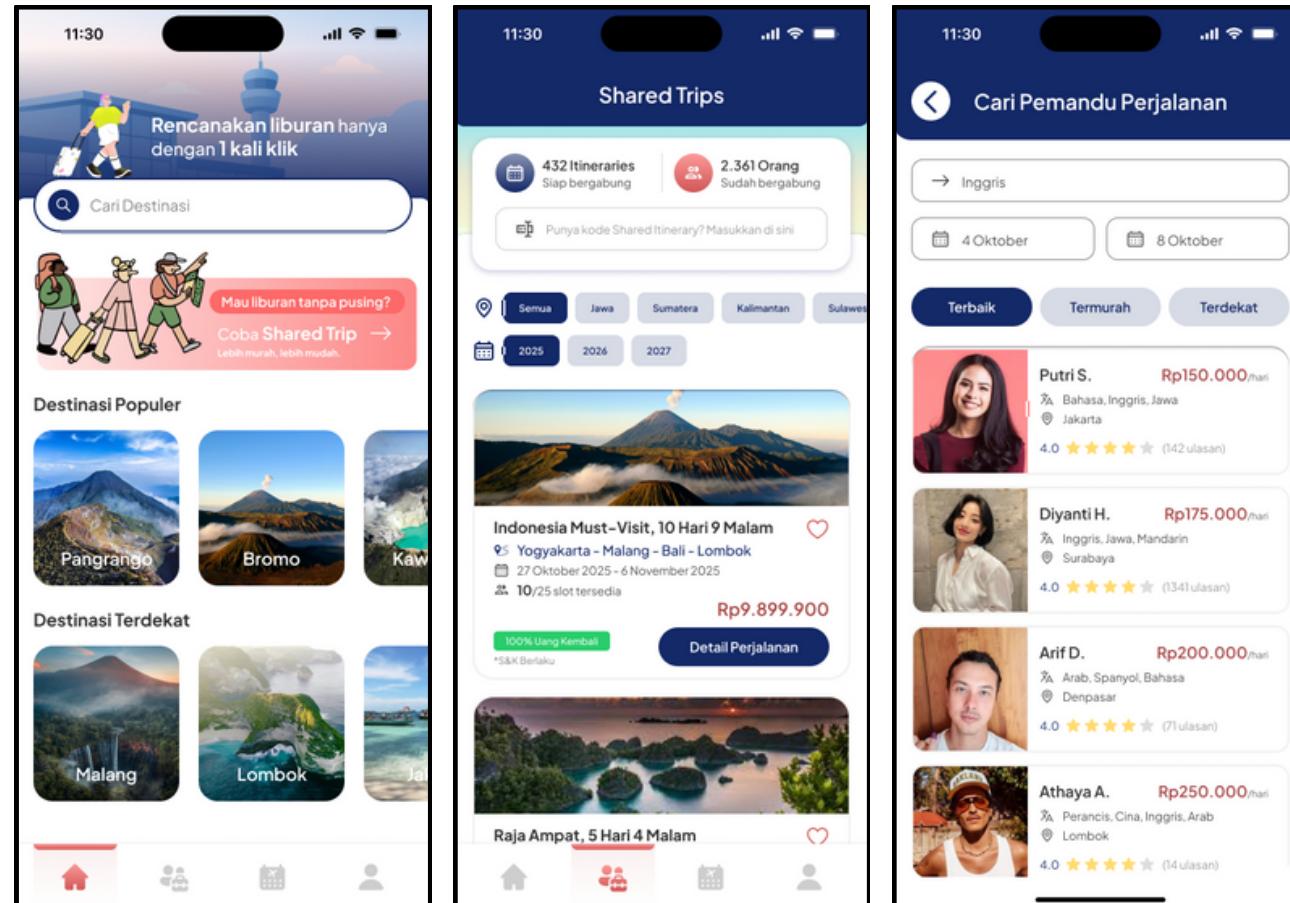
Role/Position
Product Manager, UX Researcher,
and UI Designer

Publication Link
<https://potong.in/ViatrixPrototype>

Artwork/Project Description

an innovative AI-based smart travel application collaboratively designed by team EL KAPITANO (team of 2 people) to replace the complex, time-consuming, and fragmented process of manual trip planning. The platform directly addresses the significant time burden an average of 17 hours and 42 minutes per trip and high stress that 96.8% of travelers experience during planning. The platform enables users to automatically generate a complete, personalized itinerary with integrated booking for flights and hotels, simply by entering their destination, dates, and number of passengers. Furthermore, it allows travelers to utilize a "Shared Travel" feature to find and join existing trips, making travel more affordable and social by splitting costs for guides and transportation. Designed with Figma, FigJam, and Google Forms , our team's solution significantly reduces planning time and cognitive load , ensuring a smarter, more inclusive, and cost-effective travel experience.

Project 3 of 5



Name
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Artwork/Project Title
POTONGIN

Year Accomplished
2025

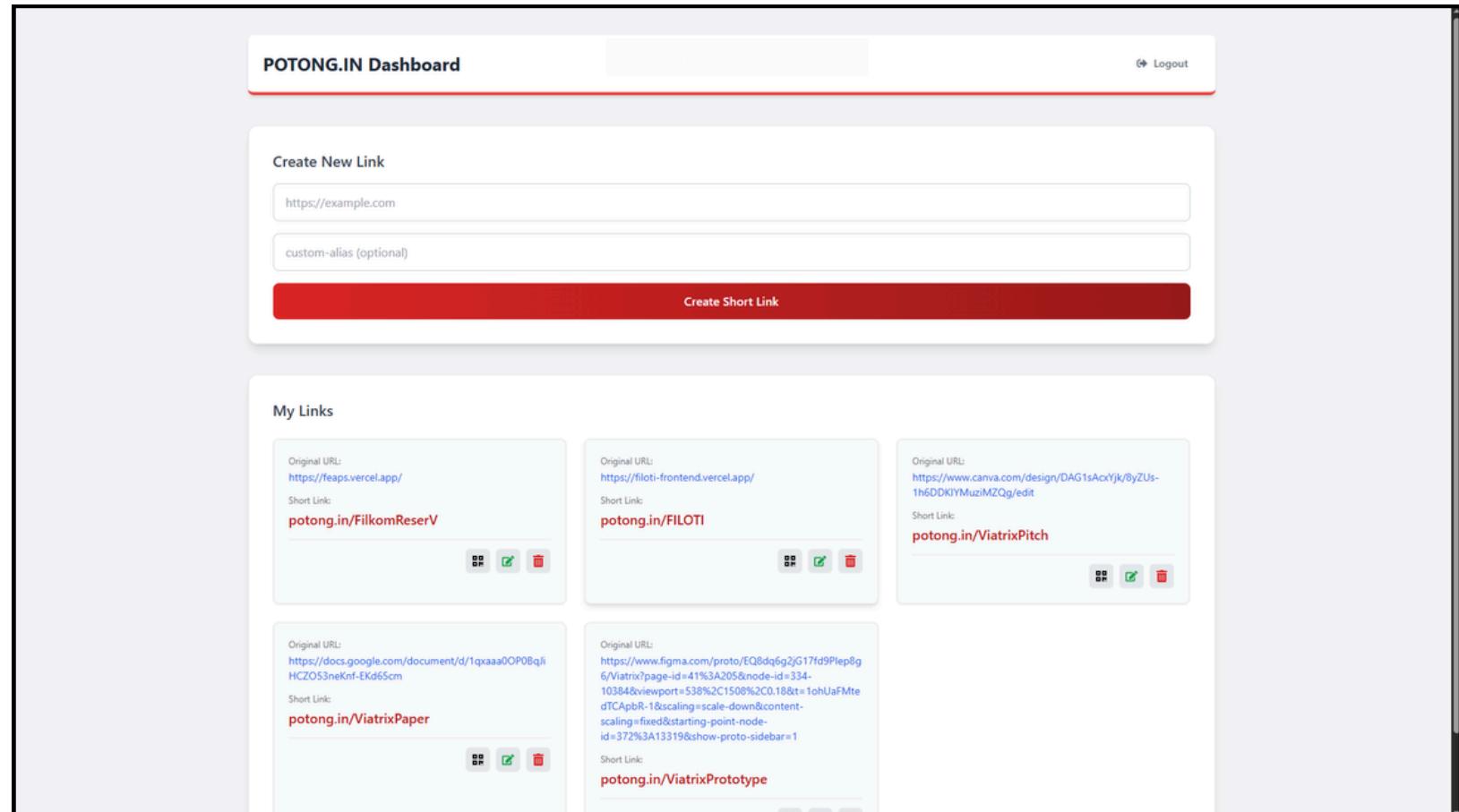
Role/Position
Product Manager & Backend Developer

Publication Link
<https://potongin-frontend.vercel.app/login>

Artwork/Project Description

potong.in is a full-stack URL shortener web application developed in collaboration with a partner. We engineered the backend API using Golang (Gin framework) to create a fast and reliable service, while the user interface was built with React.js to provide a seamless and interactive user experience. The project is live and deployed on Vercel.

Project 4 of 5



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