



CODELINES
Unnes IT Association



Company

Profile



Codelines



UNNES



IT

Association

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What

is

CODELINES



What Is CODELINES



Sub-students activity unit under **UKM RIPTEK**, has been operating for **26 years** at **Universitas Negeri Semarang**, it aims to foster students' interest and talent in technology in order to produce outstanding talents who are highly skilled in their respective fields.

Over the past three years Codelines has gathered **59 active members** and more than **60 alumni**. We are developed over **10 technology** projects, and won various competitions at national and international levels. Each project is carried out in a structured manner through clear technical role distribution, team management, and well-defined deliverable targets.

We are committed to being an adaptive, solution-oriented, and sustainable internal and external technology partner in the higher education environment. Codelines upholds a collaborative work culture, strong technical discipline, and a focus on quality execution with an orientation towards providing concrete solutions, from system design and application development to the implementation of digital solutions that support the needs of organizations in the campus environment.



Why Collaborate With Us?



Collaborative

Direct collaboration between top talent and relevant stakeholders. Supported by high-quality students and actively guided by mentors and lecturers to ensure that every process is structured and measurable.

Personalization

Our approach focuses on the specific needs of each partner. The development process is carried out through intensive communication and clear coordination, so that the resulting solutions are truly relevant, on target, and in line with the expectations set.

Quality

We deliver high-standard solutions with an approach that considers cost efficiency. Each project is carried out by a team that is experienced and competent in their field, ensuring that the results achieved are consistent, measurable, and accountable.



Our Services

With more than 10 of the latest and most groundbreaking tools in the digital industry, we offer the best quality and most innovative solution to your IT problems.



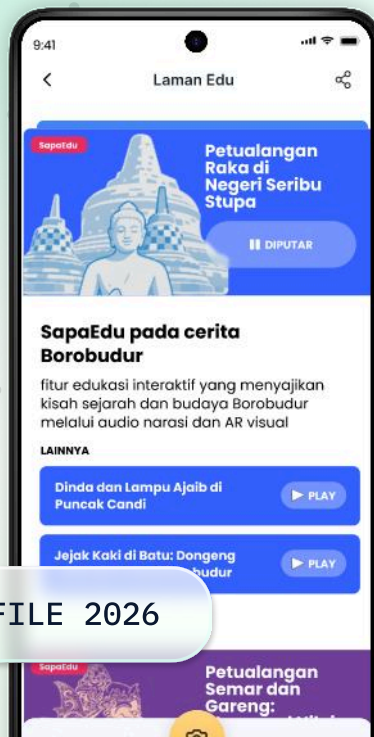
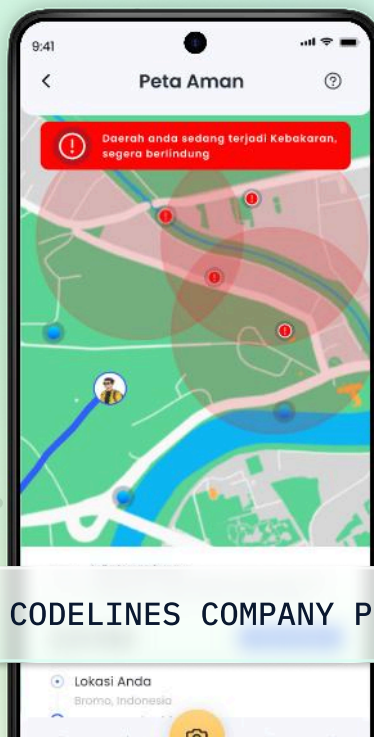
Our Services

UI & UX

With interactive and engaging designs, we provide end-to-end digital product design solutions with a great user experience tailored to your needs.

Scope

- UX Research
- UX Design/Wireframing
- UI Design
- UX Consulting
- Usability Testing



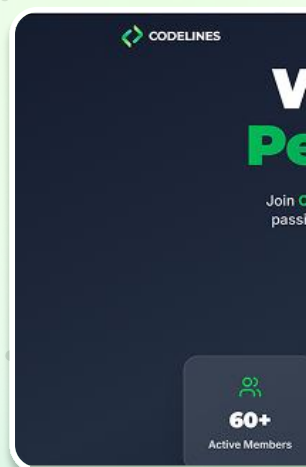
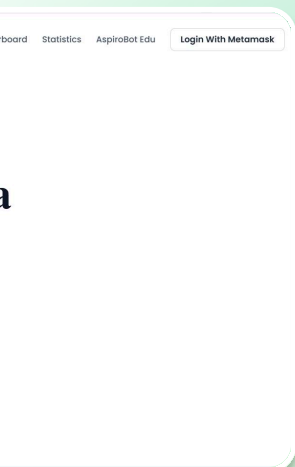
Our Services

Web Dev

We provide services for creating website portfolio statistics or dynamic business websites, presented in the form of the latest industry-standard technology tailored to your needs.

Technology

- Back-end: Nodes.js, Laravel, Python
- Front-end: HTML, CSS, JavaScript, Next.js
- Storage: MySQL





Our Services



Training & Workshop

We provide training and workshop programs focused on equipping participants with practical skills in website development, UI/UX design, and digital tools. Our sessions are designed using up-to-date industry standards, combining theory and hands-on experience tailored to your needs.

Scope

- Introduction to Web Development
- Hands-on Coding (Front-end & Back-end)
- UI/UX Design & Wireframing
- Project-Based Learning
- Database Management Basics
- Collaboration & Project Management Tools
- Deployment & Local Development Setup

Technology

- Back-end: Nodes.js, Laravel, Python
- Front-end: HTML, CSS, JavaScript, Next.js
- Storage: MySQL
- Tools : Figma, Notion, Trello, Lagon



Our

Portfolio



Web Development

Thoughtfully crafted website that delivers an impactful digital experience



UI/UX Design

A highly refined digital environment striking the perfect balance between aesthetic form and practical function.



Our

Portfolio



AspiraX

Leaderboard Statistics AspiroBot Edu Login With Metamask

"Kritik Asik Tanpa Harus Terusik"

Sampaikan pemikiran dan kritik Anda dengan bebas tanpa rasa khawatir. Bagikan suara Anda, picu perubahan yang berarti

#KritikAsikTanpaTerusik

► Start Your Opinion

2025

AspiraX

Aplikasi Aspirasi Publik
Anonim Berbasis Web3 dan AI

In response to public concerns regarding data leaks when submitting reports to the government, our team developed AspiraX: a secure and anonymous public feedback platform. We brought this solution to life by integrating a Web3 digital wallet login to safeguard user identities, coupled with an automated AI profanity filter and an interactive point system. This project serves as concrete proof of our ability to synthesize cutting-edge technology into a practical, highly effective digital product that directly solves real-world problems within the community.



Our

Portfolio



2025

LandRanger

**Aplikasi Sertifikat Tanah
Anti-Mafia Berbasis Blockchain**

In Indonesia, the issue of the land mafia is deeply alarming, as they frequently forge land ownership documents with the assistance of corrupt insiders (such as rogue notaries, National Land Agency/ BPN officials, or local village authorities). Consequently, this leads to the problem of dual land certificates, which often results in the rightful owners losing their cases in court. To combat this injustice, we created Project LandRanger. This project utilizes blockchain technology—an ultra-secure digital ledger system where data cannot be altered or forged by any party. Through this system, the public gains absolute proof of land ownership that is entirely immune to manipulation by the land mafia.



Our

Portfolio



2025

Codelines

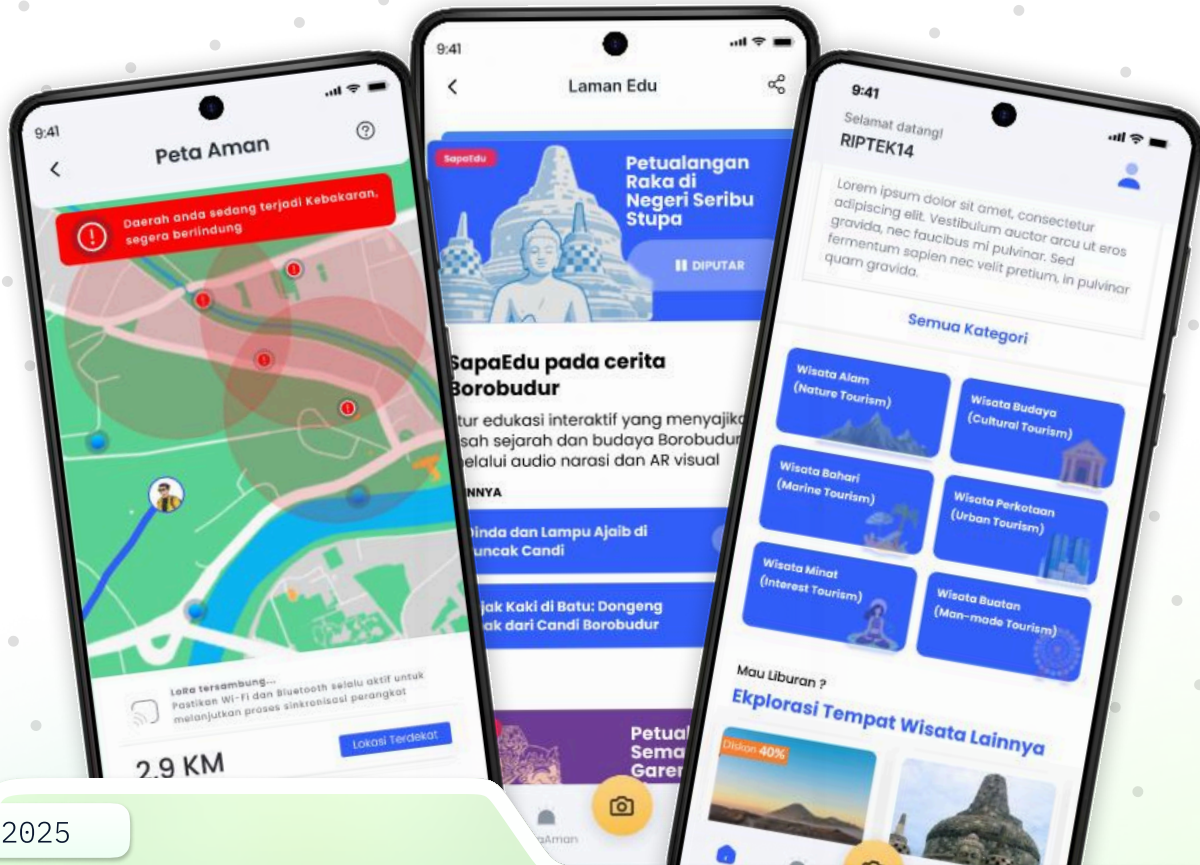
Website resmi
CODELINES UNNNES

The official Codelines website is designed as a digital portfolio for our student activity unit under UKM RIPTEK at Universitas Negeri Semarang, which has been driving innovation for 26 years. This platform showcases our team's track record of completing over 10 technology projects, reaffirming our commitment as a reliable partner for UI/UX Design, Web Development, and Training & Workshops.



Our

Portfolio



2025

SAPA

Aplikasi Eksplorasi Pariwisata
dan Peta Edukasi Interaktif

Addressing the challenge of tourists frequently getting lost or inadvertently entering restricted zones within tourist areas, we designed an integrated travel guide application. To enhance the exploration experience, we embedded educational features that deliver engaging historical and cultural information the exact moment a user arrives at a specific point of interest. This project demonstrates our expertise in combining spatial navigation technology with content management to create an application that prioritizes safety while simultaneously enriching the visitor's knowledge.



Contact

Us

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Let's Collaborate

