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Engify

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European
Commission

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01 What is Engify?

Its goals and aspirations



An AI-powered platform for anyone interested in engineering, combining personalized learning with real-world problem-solving, offering adaptive challenges, relevant resources, and practical experience to bridge the gap between education and industry.



It is meant to bridge the gap between formal learning and real-world problems while allowing the users to advance their education based on their current abilities and desired pace.

02 Who is it for?

Broad audience and initial start



Our solution is designed for anyone interested in engineering, including university students, technical faculty students, high school students exploring engineering, and self-learners with no formal education in the field.

For the prototype we will focus on students from our faculty and help them study and prepare for the course tests.

03 How will it help?

Use cases



It allows users to learn and test their skills at their own pace based on their current and desired knowledge.

It helps bridge the education availability as you can engage in learning wherever you are and of whatever socioeconomic background you come from.

Bringing real world problem as for practicing will allow for more synced learning to decrease the gap between what is taught at schools/universities and the market demands.

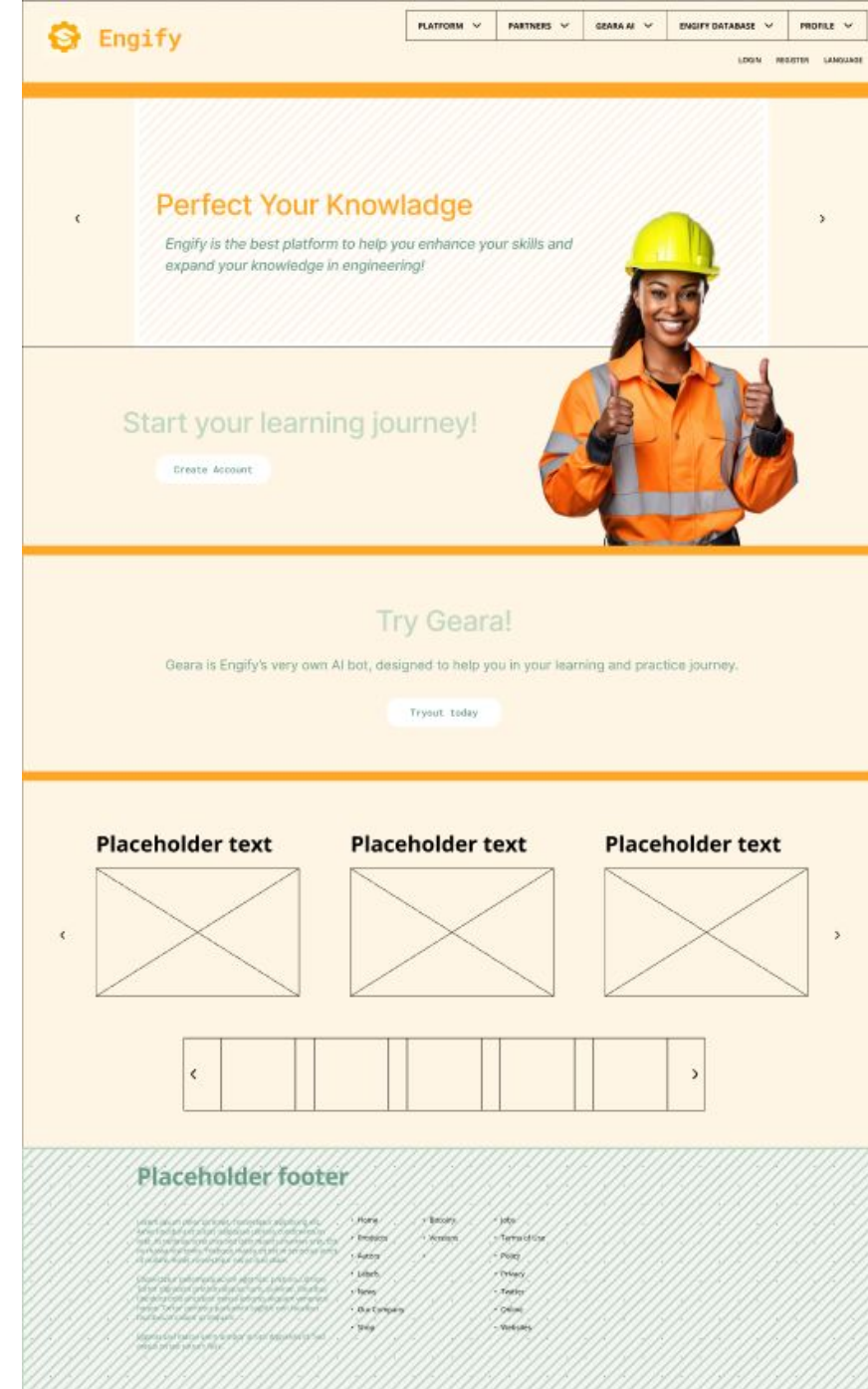
04 How does it work

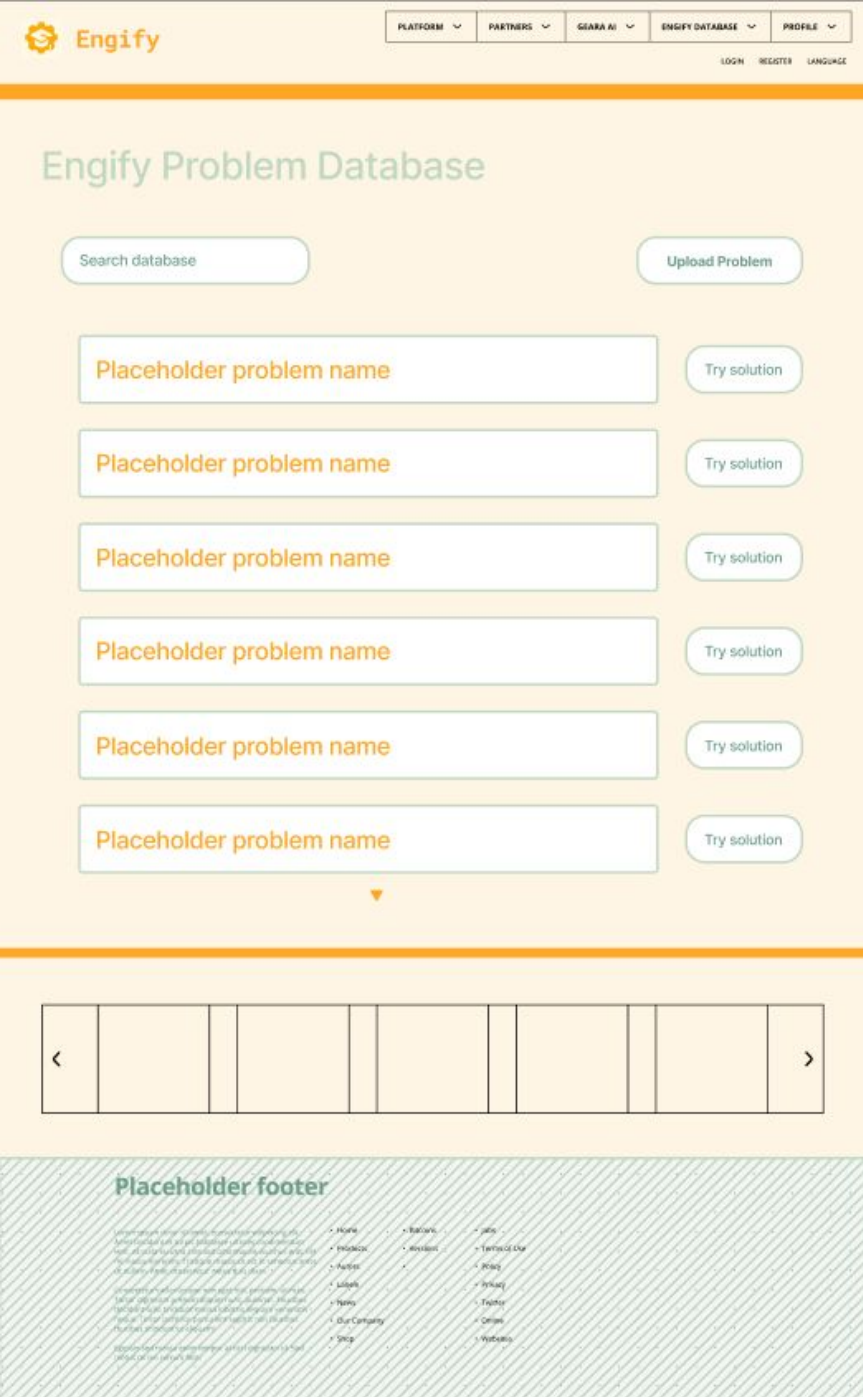
Ins and outs of our platform

It is a website that can also be adapted into a mobile application, designed to help users learn new skills and gain practical knowledge through real-world problem solving.

The platform consists of three main components:

- Engify Problem Database
- Geara AI
- User Profiles



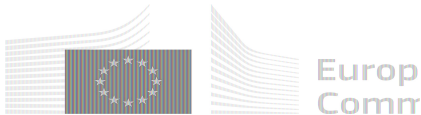


Problem Database



The Engify database is a specialized compilation of problems, solutions and engineering literature which will be created by us based on the already existing curriculums of technical faculties and real-world problems companies are experiencing.

Users will be able to tailor their experience by choosing their niche, and Geara AI will then choose problems from our database for them to solve, as well as suggest literature from which they can learn the knowledge required for the problem.





Problem solving



When you open a problem to solve, based on its difficulty you can work alone or with multiple people on solving it.

When you finish and submit the problem it will appear on your Engify profile.

If the user gets stuck they can ask Gears AI for help with the problem or get recommended literature (by Gears) connected to the problem.





Geara AI Helper



An intelligent assistant that selects problems for users based on their interests, suggests relevant literature, provides hints, checks solutions, and offers ways to improve them.

Geara gives short and concise help with the problem if the learner asks for it.

If the button See Solution is pressed the proposed solution by the person who submitted the problem is given.





THANK YOU!



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