SaiKet Systems

Internship Program
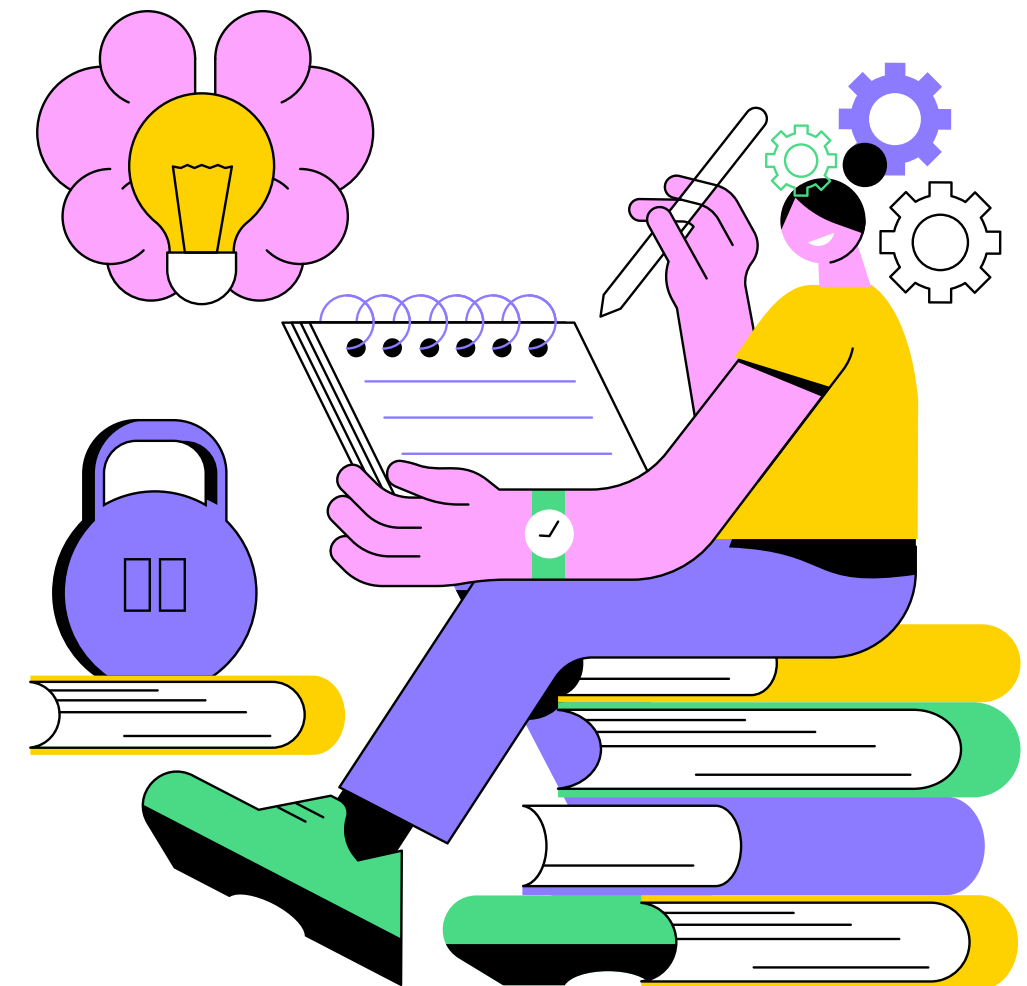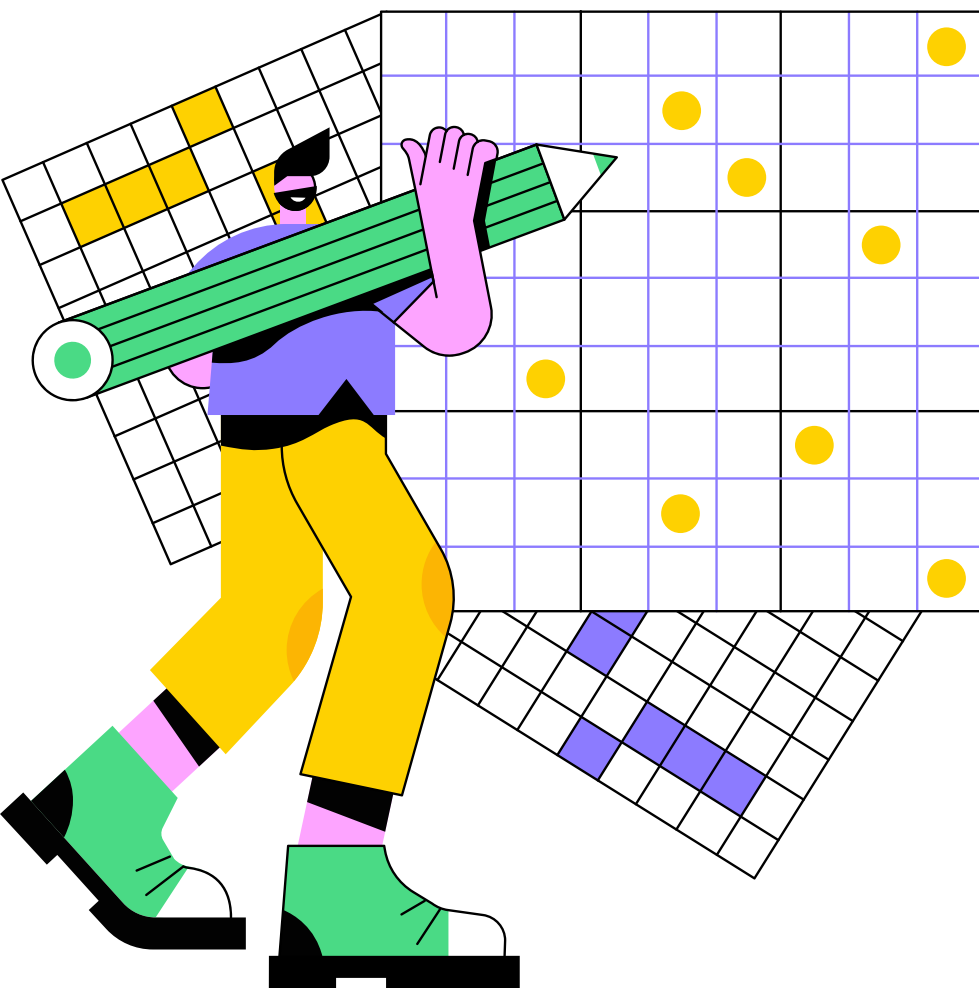
Full Stack Development

About Us

- **Saiket Systems is a prominent technology company renowned for its expertise in the dynamic fields of cloud computing, blockchain, artificial intelligence (AI), and machine learning (ML).**

- **The company excels in delivering impactful projects and solutions tailored to the evolving needs of businesses.**

- **Saiket Systems offers a diverse array of products and services, including robust cloud computing solutions, innovative blockchain technologies, advanced AI systems, and sophisticated ML algorithms.**

Instructions

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- **Update your LinkedIn profile with your achievements, like offer letters or internship certificates from SaiKet Systems. Mention and tag SaiKet Systems in your posts. Use hashtags like #SaiKetSystemsJourney #SaiKetExperience #FutureWithSaiKet to showcase your association.**

- **Avoid plagiarism and code duplication. These violations can lead to internship termination and future opportunities loss with us.**

- **Create a video showcasing your completed tasks. Post it on LinkedIn, tag SaiKet Systems, and use hashtags like #SaiKetInnovation #SaiKetAchievements #SaiKetProjects to engage with our community.**
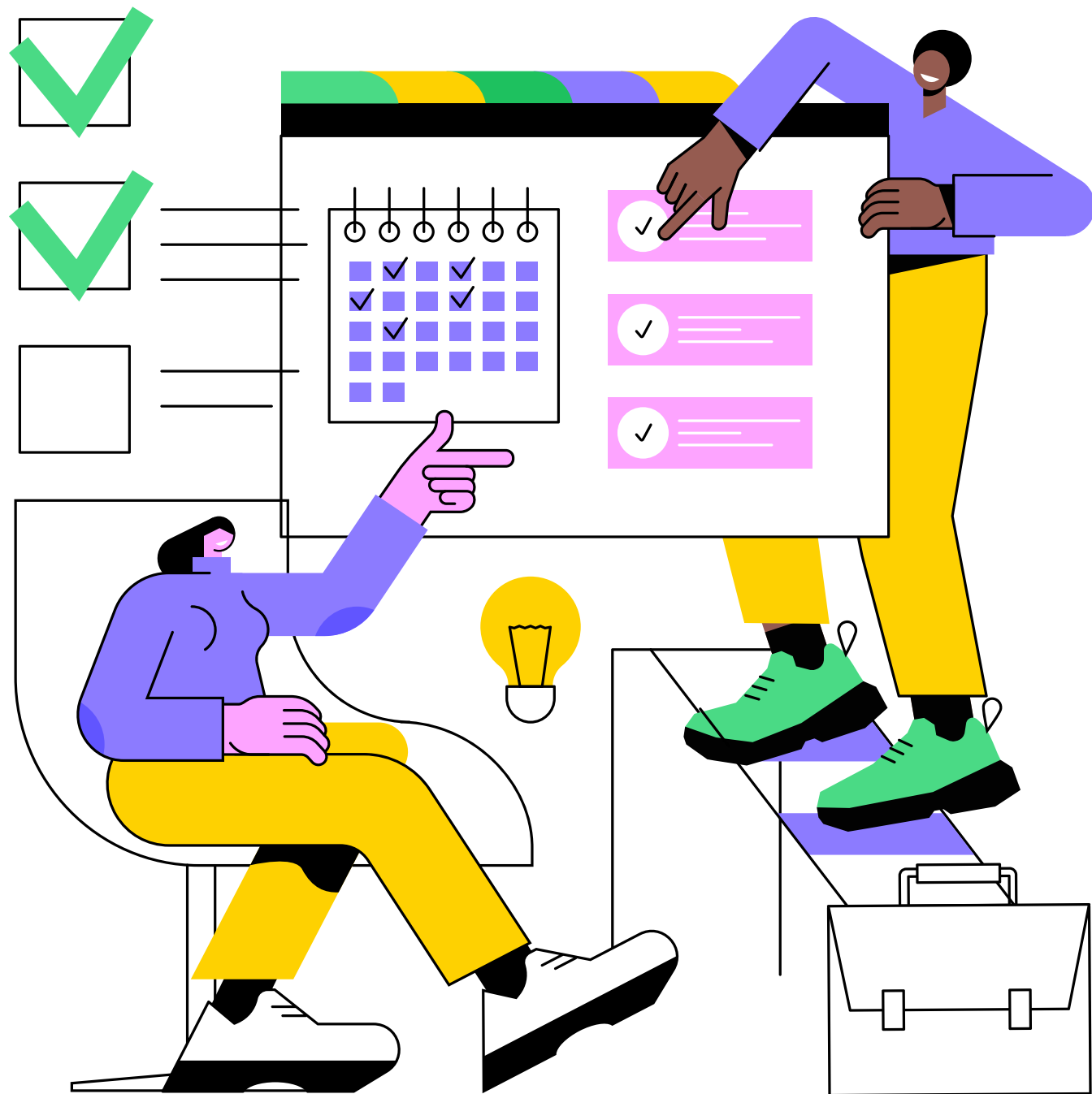
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SUBMISSION

- **Create a professional video showcasing your internship projects and achievements.**

- **Host the video on LinkedIn to provide proof of your work and establish credibility among your peers. Consider tagging Saiket Systems in your posts to ensure they are notified of your work.**

- **A SUBMISSION FORM will be shared later. Till then please continue your task and make a separate file of each level.**

- **When posting the video on LinkedIn, include the following hashtags to maximize visibility and engagement: #saiketsystems #saiket #saiketsys. Additionally, depending on your internship domain.**

Task 1: Create a Static Portfolio Website with a Theme

Description:

Create a portfolio website with a homepage, a "Projects" section for placeholders, and a contact form with JavaScript validation. Use Bootstrap or Tailwind for styling and ensure the design is responsive and visually appealing.

Skills :

- HTML
- CSS
- JavaScript (potentially)

Task 2: Create a Responsive Web Page

Description:

Use HTML, CSS, and Bootstrap/Tailwind to design a responsive webpage (e.g., a landing page for an e-commerce site).

Add interactive features using vanilla JavaScript (e.g., form validation or a simple toggle button).

Skills :

- **HTML**
- **CSS**
- **Basic understanding of e-commerce concepts**

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Task 3: Front-End Framework Basics

Description:
Learn the basics of React.js or Angular and create a small app, like a to-do list. The app should allow users to add, edit, and delete tasks, showcasing your understanding of the framework's core features.

Skills:
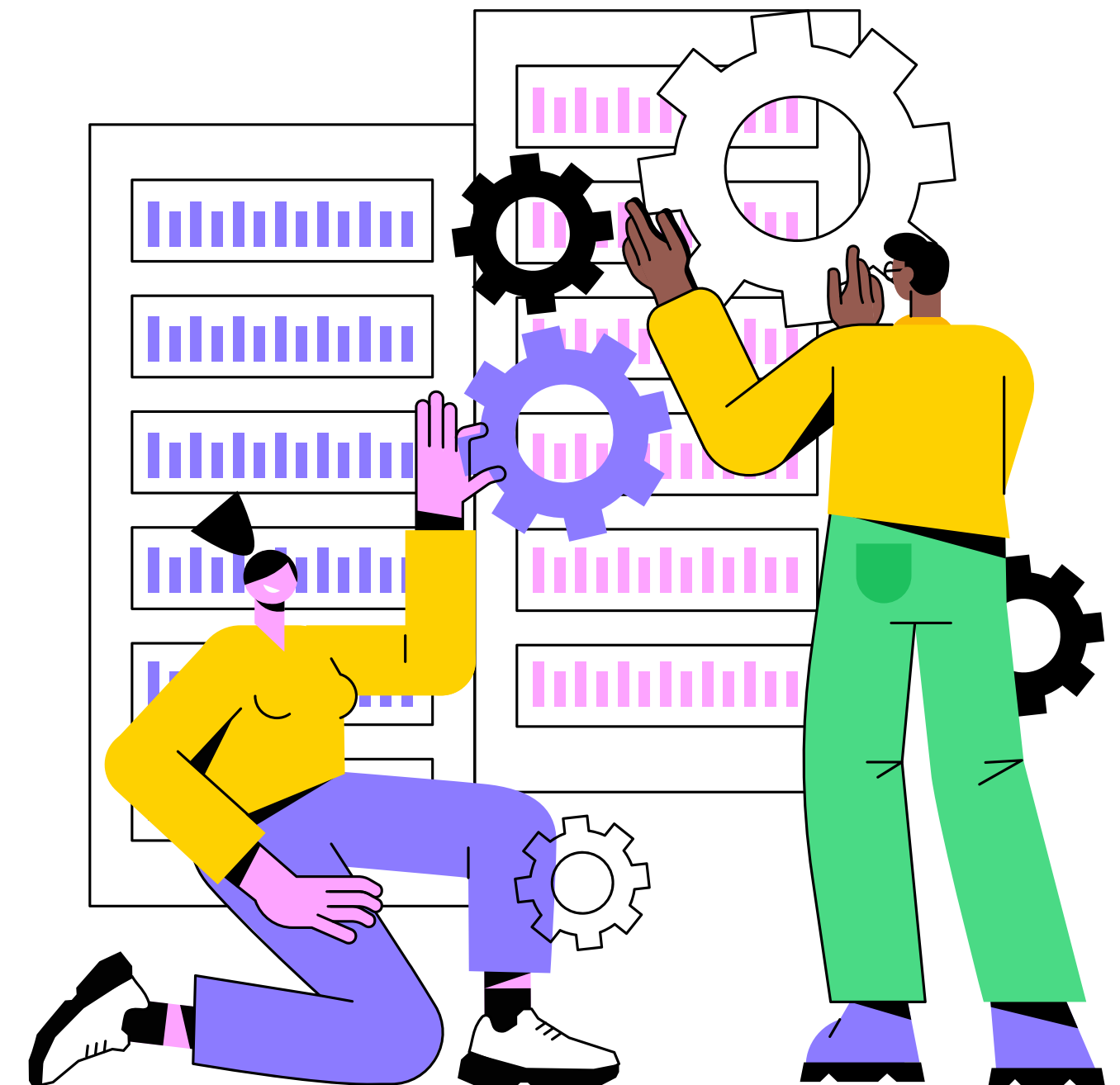
- **Front-End Framework Basics**

Task 4: Build a Basic REST API

Description:

Learn the basics of Node.js and Express to build a REST API. Create endpoints for CRUD operations on a "User" entity with fields like name, email, and age. Test the functionality of your API using Postman.

Skills: -

- **Node.js Basics**
- **REST API Design**
- **Express Framework**
- **JSON Handling**
- **Postman Testing**

Task 5: Database Integration

Learn the basics of SQL and connect your REST API to a database like MySQL or PostgreSQL. Use the database to store and retrieve user data, such as name, email, and age, by integrating SQL queries with your API endpoints.

Skills :

- **Basic SQL**
- **Database Connection**
- **API Integration**
- **Express Basics**

Task 6: Build a Full Stack Application

Description:

In this task, you'll combine your front-end and back-end to create a simple User Management System. Users will be able to add, view, update, and delete their profile. The front-end will display data from the back-end (database). Optionally, you can add login authentication for extra practice. This will help you connect your website's interface with the server and database.

Skills:

- **BASICS OF FULL STACK DEVELOPMENT**

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How to Contact Us?

To find out more information,
please contact us

in @saiketsystems

✉ support@saiket.in

🌐 www.saiket.in

📷 @saiket_systems