



Qwen3ã•-ã?ã·?ã·?ã·?ã·®ã·?å¾¼?æ·?ã·?ã·?

Description

ã•ç•?ã•?ã•°ã•?ã•??ã•?ã•?ã•?ã•°ã•?©ã•?ã•³ã•°ã•-èªã•?ã•«æ??ã•?ã•??å¿_ è|ã•-ãªã•?ã•?ã•?ã•?ã•
 "ã•?ã•£ã•?æ?_ã•-ë¾¼½¿ã•?ã•©ã•?ã•?ã•Sè!ã•¾ã•?ã•?ã•?ã•?ã•-ç•¾å®?å³ã•?ã•_ã³ã•|ã•-ç•
 ?ã•?ã•?ã•ªæ°?ã•?ã•?ã•¾ã•?ã•??

ǎpšă•ă•ăă?ăă??ă«ă•ăă??ChatGPT 4ăă??Gemini Proăă??ă??ă??é«?æ?šè?½ă•ă•è-³ă•ăă•|ă•
 ?ă??Alibabăă•?é??ç?°ă•?ă•Qwen3ăă??

ǎ¼ǎ•@ç?°ǎç?ǎ•șǎ•-ǎ,?ç?ǎǎșǎ•ǎ•ǎ?çǎ??ǎ?«ǎ•-ǎ??ǎ?ǎ•?ǎ•ǎ•?ǎ•@ǎ•șǎ?•ǎ•ǎ??ǎ??ǎ??ǎ??ǎ°•ǎ•?ǎ•
 ?32Bİ¼?Denseǎ?çǎ??ǎ?«İ¼?ǎ??30Bİ¼?Mixture of Expertsǎ?çǎ??ǎ?«İ¼?ǎ??è©¼ǎ?•ǎ•ǎ•?ǎ•ǎ¼ǎ•?ǎ??

ä?³ä?¼ä??ä?£ä?³ä?°ä?•ç?©èª?ä½?ä??ä?•ä?ä?£ä??ä?•ä?³ä??ä?¼ä½?ä??ä?•ä?•©ä?•ä?ä?•ä?ä?•è©|ä
 •?ä|ä•ä½ä?ä?ä?ä?•ä½ç?ä?«ä?ªä?ä?¥ä?©ä? ä½ä?ä?ä?ä?ªä?ä?•®ä??ä½?ä??ä?•®ä«ä?ä?ä?ä|ä
 ?ä??ä??ä?ä?«æ?•ä?ä?¼ä?ä??ä?³ä?¼ä??ä?£ä?³ä?°è?½ä??ä??é«ä?ä?•®ä?§ä?•ä½ç?ä?«ä?ªä?
 ä?¥ä?©ä? ä??ä½?ä?£ä|ä?•ä®?ç?ä?•é|ä??ä½?ä?£ä|ä?•ä?³ä?¼ä??ä?µä?³ä??ä?«ä??ä½?ä??ä?•ä
 ©ä?ä?ä|ä?ä??ä?ä?°ä?©ä??ä?³ä?°ä?•®èªç?ä?ä?ä?§ä?•ä?ä?ä?§ä?ä??

[illegible]

è'?'èª?â??â·Sâ·â??â?·â·â·«é?¢â·?â·â·-Alâ®æ?¹â·?âºé??â??â??â³¼?æ?·â·Sâ·?â??ç©ºæ??â??èª-
 â??â??é?¿â·½â·®â³¼â·,â??èº«â½?ç??âªæ??è¿?âªâ·©â·-âºé??â??â³¼?æ?·â??ç?¹â·«æ?¥æ?-âºâ·
 ®â·¹â·?â·-â?æ?·è?â·?â·?â·-â??ç©ºæ'?â??èªâ??â??é?¿â·½â·®â³¼â·,â??â®?è·mâ·?â·â·â·³¼â·?â??â·
 â??â·â³ç·½â®³â·èè·m·â·â·â??â·-èªâ·«è'ªâ·?â??â??â·Sâ??â·â·é??â?£ç??â·«¹¼?â·ªâ·®ç??â·ç?©â·¿â·
 ?â·?â·«â??â·â·â??é?·â·è«?â·Sâ·?â·?â??â³â?¿â³â??â??«â?¿â³â??¿¼é?·â·â??â·ªâ??¿¼â·?èè·m·â·â·â·
 ?â??â??â·?âªæ??â·?â·Sâ·?â??â½?â??â·?â·â·®æ??æ®mâ·Sâ¼?è©±â??â·?â·â·â·?â??â·®â·?â??â·?â??â

- **ã??ã?¼ã?«ï¼?Mongo Compassã?•MySQL Workbench**

å®?è·µã??ã?ã?,ã?§ã?¬ã??

- **ã??ã?ã?°ã?¢ã??ã?ªï¼?Node.js + MongoDBï¼?**
- **ã?·ã?§ã??ã??ã?³ã?°ã?«ã?¼ã??ï¼?JavaScript + Node.jsï¼?**

3. ã?“ã?ã?¹ã??ã?¼ã??ã?«ã?ªã??ï¼?ã??ã?«ã?¹ã?¿ã??ã?¬ã? ®ç¿?ç??ï¼?6ã??12ã?¶æ??ï¼?

ç?®æ??

- **ã??ã?«ã?¹ã?¿ã??ã?¬??ç?°ã?®ç?¥è?ã??çµ±å?ã?ã?å®?é??ã?®ã??ã?ã?,ã?§ã?¬ã??ã?«å¿?ã?
?ã?è`è`?ã?»å®?è£ ¢ã?·å?¬è?½ã?«ã?ªã??ã??**

å!ç¿?å? å®¹

- 1. ã??ã?ã?³ã??ã?“ã?³ã??ã?®æ·±å??**
 - **React/Vue.jsã?®å½¿ç?“ï¼?ã?³ã?³ã?·ã?¼ã?·ã?³ã??è`è`?ã?·ç?¶æ ?ç®iç?ï¼?**
 - **ã??ã?¼ã?«ï¼?Viteã?·Webpackã?·React Router**
- 2. ã?·ã??ã?¬ã?“ã?³ã??ã?®æ·±å??**
 - **ã?»ã?ã?¥ã?ªã??ã?£ï¼?JWTèª·è`¼ã?·CORSï¼?ã?·APIã?®ã??ã?¹ã??ï¼?Jest/Mochaï¼?**
 - **ã??ã?¼ã?«ï¼?Postmanã?·Swaggerã?·Docker**
- 3. ã?¬ã?©ã?¶ã??ã?“ã??ã??ã?ã?■**
 - **AWS/Heroku/Vercelã?§ã?®ã??ã??ã?ã?■**
 - **ã??ã?¼ã?«ï¼?GitHub Actionsã?·Netlifyã?·Cloudflare**

å®?è·µã??ã?ã?,ã?§ã?¬ã??

- **ã?“ã?³ã?·ã?¹ã??ã? ã?¢ã??ã?ªï¼?React + Node.js + MongoDBï¼?**
- **ã?ªã?³ã?©ã?■ã?³ã?·ã?§ã??ã??ï¼?Stripeæ±°æ,çµ±å?ï¼?**

4. ã?ªã?¢ã?«ã??ã?ã?,ã?§ã?¬ã??ã?,ã? ®æ??æ?“ï¼?12ã??18ã?¶æ??ï¼?

ç?®æ??

- **å®?é??ã?®ã??ã?,ã?·ã?¹ã??ã?¼ã?°ã?«å¿?ã?·ã?ã?ã?¢ã??ã?ªã?±ã?¼ã?·ã?§ã?³ã??è`è`è`
è`?ã?»é??ç?°ã?·ã??ã??å??ã?·ã?■ã??**

å!ç¿?å? å®¹

- 1.** **e•é??ã•ã?·ã?¹ã??ã? è`è``?**
- ã?·ã?¹ã??ã? ã?¢ã?¼ã?ã??ã?-ã?~ã?£ã•®é„æ???ï¼?MVCã?·ã??ã?¤ã?-ã?ã?µã?¼ã??ã?¹ã?
ªã•©ï¼?
 - ã??ã?¼ã?»«ï¼?UMLã?•Mermaidã?•Figma
- 2.** **ã??ã?¹ã??ã?·ã??ã??ã?ã?¤ã•®æ??é•©å??**
- å?·ã½?ã??ã?¹ã??ã?»çμ±å?·ã??ã?¹ã??ã?å®@?è£
 - CI/CDã•®è`å®?ï¼?GitHub Actionsã?•Jenkinsï¼?
- 3.** **ã??ã??ã?©ã?¼ã??ã?³ã?¹æ??é•©å??**
- ã?ã?¼ã??ã?£ã³ã°æ??é??ã•®ç?ç„®ã?·ã?ã?£ã??ã?·ã?¥æ?'ç?¥ã?·ã³ã?¼ã??ã?®æ??é•
©å??

å®?è·µã??ã?ã?_ã?§ã?¬ã??

- SaaSã?¢ã??ã?ªã?±ã?¼ã?·ã?§ã?³¼?ã¾?i¼?ã?¿ã?¹ã?¯ç®i?ã??ã?¼ã?«i¼?
- ã??ã?«ã?•ã??ã??ã?³ã??ã?¾ã?¿ã®Webã?¢ã??ã?ª

5. ã??ã?¹ã?¿ã?¼ã•ã•®é•?ï¼?ç¶?ç¶?ç??ã•ªă!ç¿?ã•é•
©æ?°ï¼?18ã?¶æ??ã??ï¼?

ç?®æ''?

- ä_?ç??ă•®æ??èj?ă??ă?-ă?³ă??ă«è_½ă¾?ă•?ă?•æ?°ă•?ăªæ??èj?ă??ă!ă³ç¶?ă•
?ă??ă??ă??æ?•ă•qă??

å!ç¿?å? å®¹¹

1. æ??æ?°æ??è¡?ã•®ă!çŁ?
 ○ Next.jsă?•GraphQLă?•WebAssemblyă?•Alçµ±ă?•î¼?ă¾?•ï¼?LLMă•®APIă?©ç?•ï¼?
 ○ ã??ă?¼ă?«î¼?Vercelă?•GraphQL Playgroundă?•LangChain
2. ã?•ă?¼ă? é??ç?°ă•®ă?¹ă?ă?«
 ○ ã?ªă??ă?jă?¬ă?Łă?ªă?³ă?°ă?ă?³ă?¼ă?ă?ă?-ă??ă?¥ă?¼ă?•ă??ă?-ă?¥ă?jă?³ă??ă?¼ă?-ă?Să?³
 ○ ã??ă?¼ă?«î¼?Slackă?•Notionă?•Jira
3. ã?³ă??ă?¥ă?ă??ă?£ă,ă•®è²çç?®
 ○ GitHubă•®ă?ªă?¼ă??ă?³ă?½ă?¼ă?¹ă??ă?ă?,ă?Să?¬ă??ă,ă•®ă?ă?
 ○ æ??è¡?ă??ă?ă?°ă•®ă?•çă?ă?ă?«ă?³ă??ă?jă?-ă?³ă?¹ă•Să•®ç?°è¡

å®·è·µã??ã?ã?,ã?§ã?¬ã??

- ā?ªā?¼ā??ā?³ā?½ā?¼ā?¹ā??ā?ā?,ā?§ā?¯ā??ā®è²¢ç?®
- è?ªā½?ā®ā??ā?¼ā?«ā?»ā??ā?©ā?°ā?ªā³ā®å -é??

- ã?•ã?¤ã?³ã??ï¼?

- ā•?ā•®ā?¹ā??ā??ā??ā??è, ā•¾ā•?ā•?èªā??ā•®ā??ā?¼ā?¹ā•§ç¶¶?ç¶¶?ç?ª«ā|ā•¾ç¶¶?ā•?ā??ā•?ā•ā•sā?
 •èªªā•sā??Webé??ç?ªā•®ā?ā?ā?¹ā??ā?¼ā??ā«āªā??ā¾ā•?i¼• ð??»ð???
 i¼?â?»ā•?ā•®ā?¹ā?±ā?, ā?¥ā?¼ā?«ā•¯ç?®ā®?ā§ā•?ā??ā|ç¿?é??āªā??ç?®æ"?ā«ā??ā•£ā•|èªæ? ā•
 ?ā•|ā•ā• ā•?ā•?ā??i¼?
 ā•?è??i¼?

- ## Category

1. æ?¥ã? ã•®æ'»å??

Tags

1. AI
2. LLM
3. ä, ?é??å??å, ?
4. å±±æø"ç??

Date Created

2025å¹'5æ??1æ?¥

Author

kazuotsubaki