BOTfriends
Coding Challenge

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Stack

Service 1

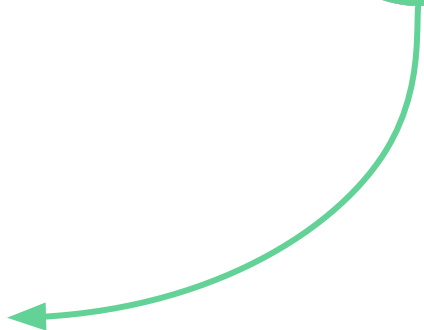Express   A X I O S

Service 2

Express

Frontend

tailwindcss

Service 1

Endpoints

GET   /configurations

POST   /configurations

POST   /messages

Types

```
Configuration
{
    webhookUrl: string;
    webhookSecret: string;
}
```

```
Message
{
    message: string;
    sender?: "user" | "bot" | "system";
}
```

Service 2

Endpoints

POST   /webhook

Types

```
Message (imported)
{
    message: string;
    sender?: "user" | "bot" | "system";
}
```

Frontend

Routes

Chat   /

Configuration   /configuration

Communication (via imported API-Client)

client.postMessage()

client.getConfiguration()

client.updateConfiguration()

Missing things

- Input data validation for POST/PUT requests

- Automated testing of functionality

- POST /messages endpoint of service 1 as webSocket endpoint

Deployment mit docker-compose