



Milan Karajovic

Angular

- Standalone Component -

Angular standalone components are a way to build components without needing an NgModule, making applications simpler and more modular.

What is a Standalone Component?

- **Self-contained unit:** A standalone component can operate independently without being declared inside an NgModule.
- **Introduced in Angular v14:** This feature streamlines development by reducing boilerplate code.
- Marked with **standalone: true**: When defining a component, directive, or pipe, you set this flag to make it standalone.
- **Direct imports:** Instead of relying on NgModules, standalone components import other components, directives, and pipes directly.
- **Incremental adoption:** Existing projects can gradually migrate to standalone style without breaking changes.

How to Create One

```
import { Component } from '@angular/core';  
import { CommonModule } from '@angular/common';
```

```
@Component({  
  selector: 'app-hello',  
  standalone: true,  
  imports: [CommonModule],  
  template: `<h1>Hello Standalone!</h1>`  
})  
export class HelloComponent {}
```

Clarification

- **Standalone flag:** `standalone: true` makes it independent.
- **Imports array:** You directly import `CommonModule` or other standalone components.
- **No NgModule needed:** You can bootstrap this component directly in `main.ts`.

Benefits

- **Simplified structure:** Reduces reliance on NgModules.
- **Flexibility:** Components can be reused more easily.
- **Cleaner codebase:** Less boilerplate, more focus on functionality.
- **Gradual migration:** Existing apps can adopt standalone components step by step.
- **Lazy Loading:** possible and easy to implement.

Example



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- **Example:** Portfolio - Example Angular Standalone components.

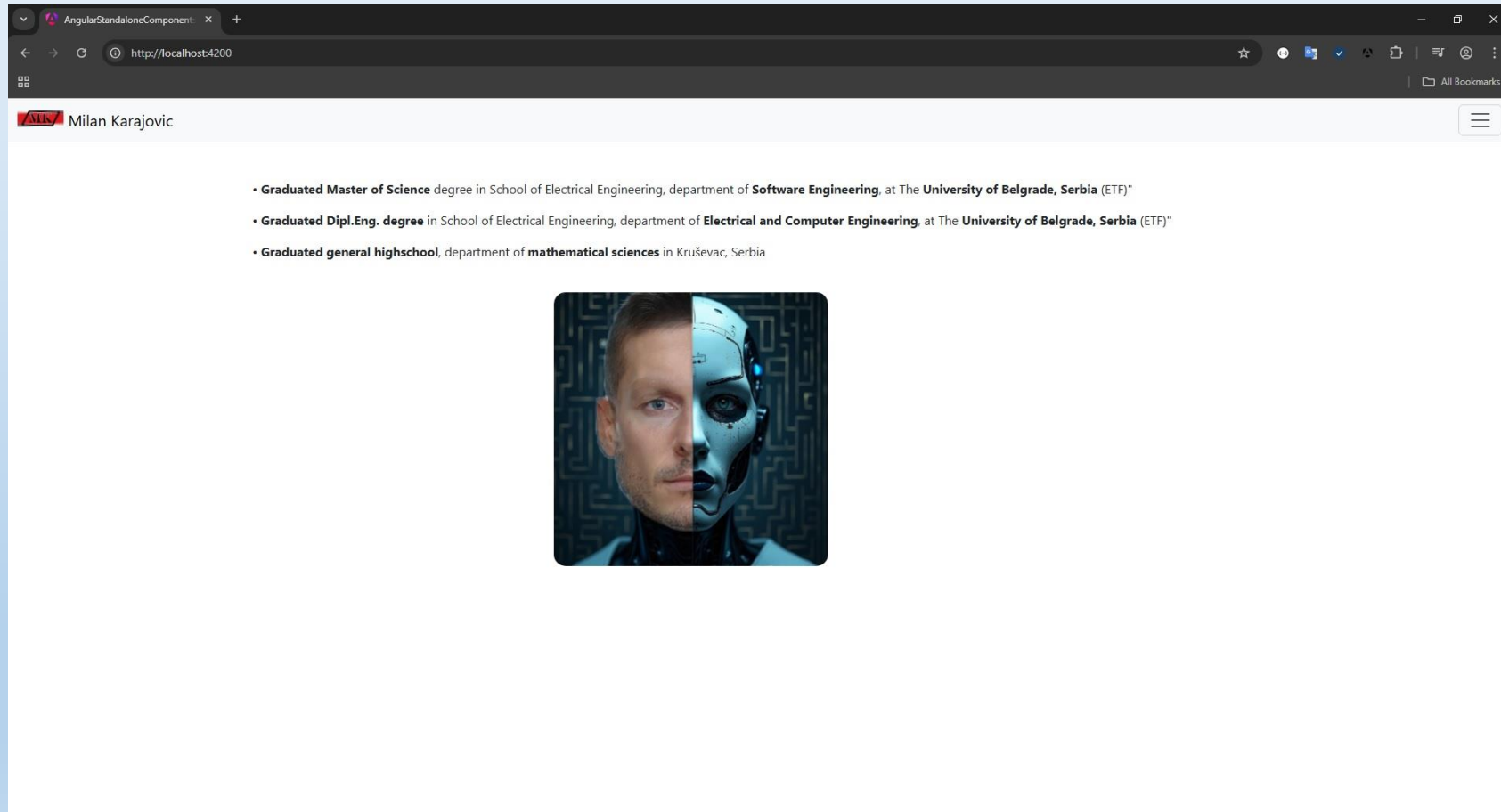
- **GitHub** with **Source Code:**

<https://github.com/Milan-Karajovic/Angular-Standalone-Components>

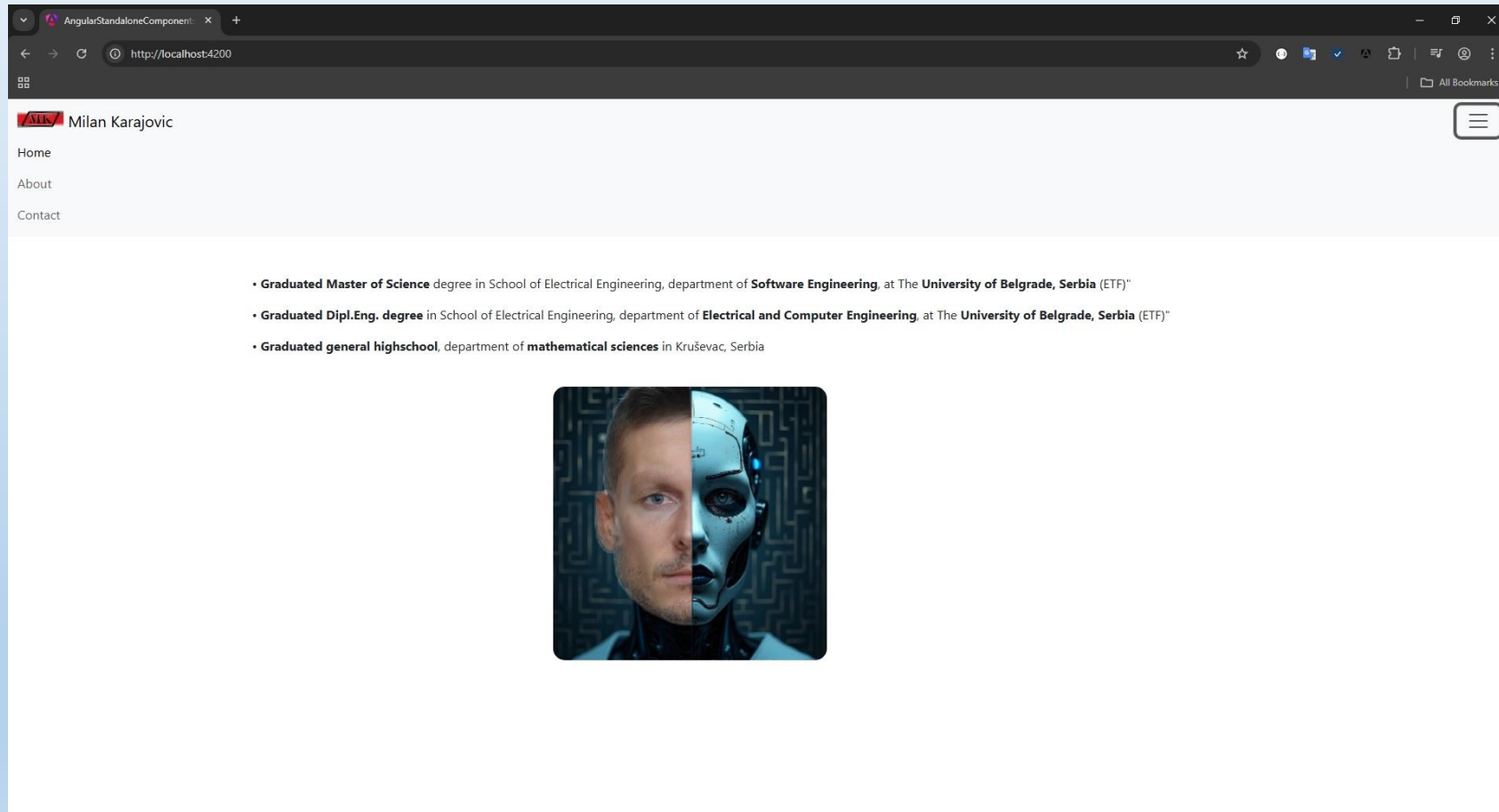
- **LinkedIn:**

<https://www.linkedin.com/in/milan-karajovic-java-angular-security-cloud-architect/>

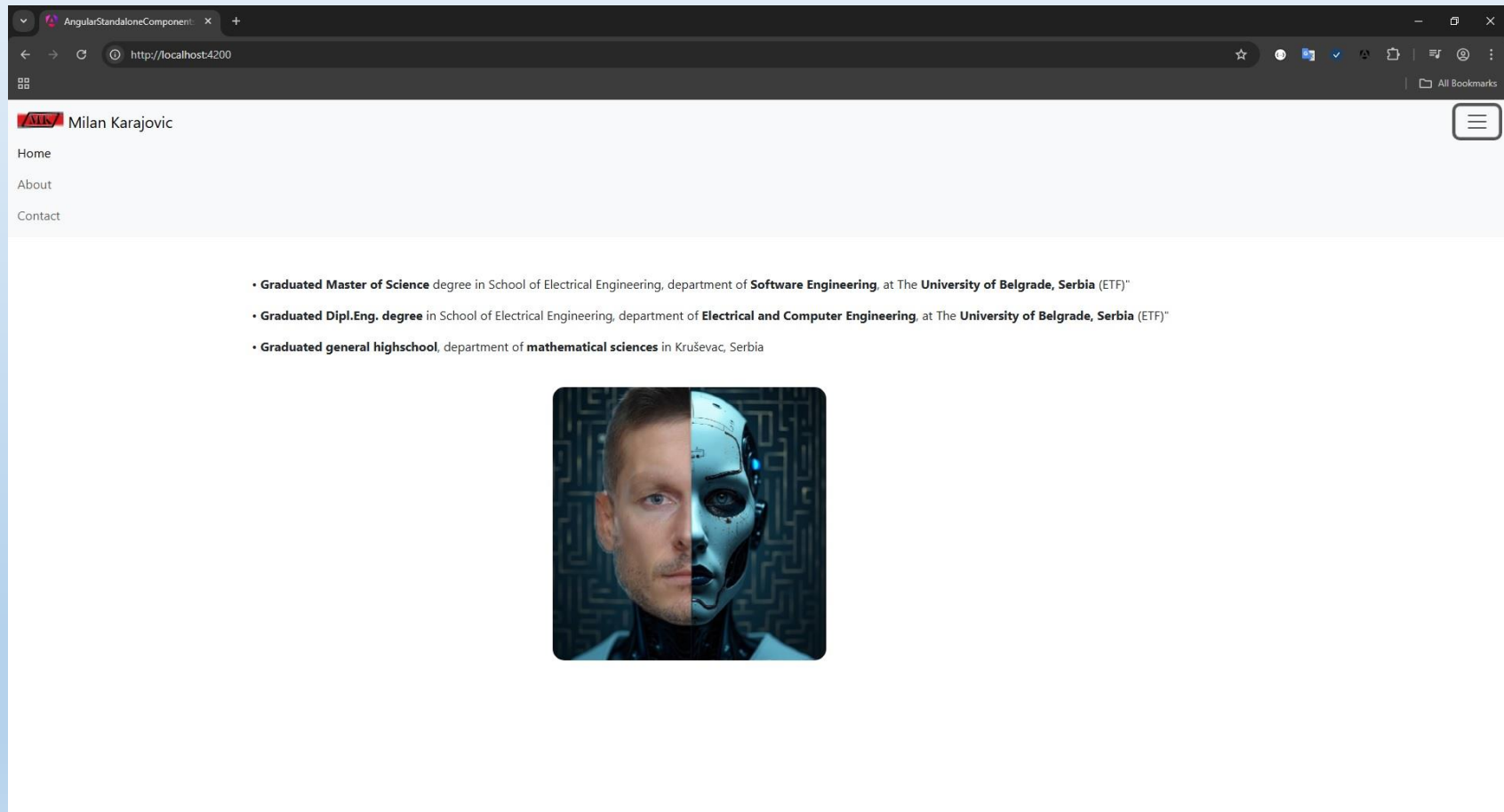
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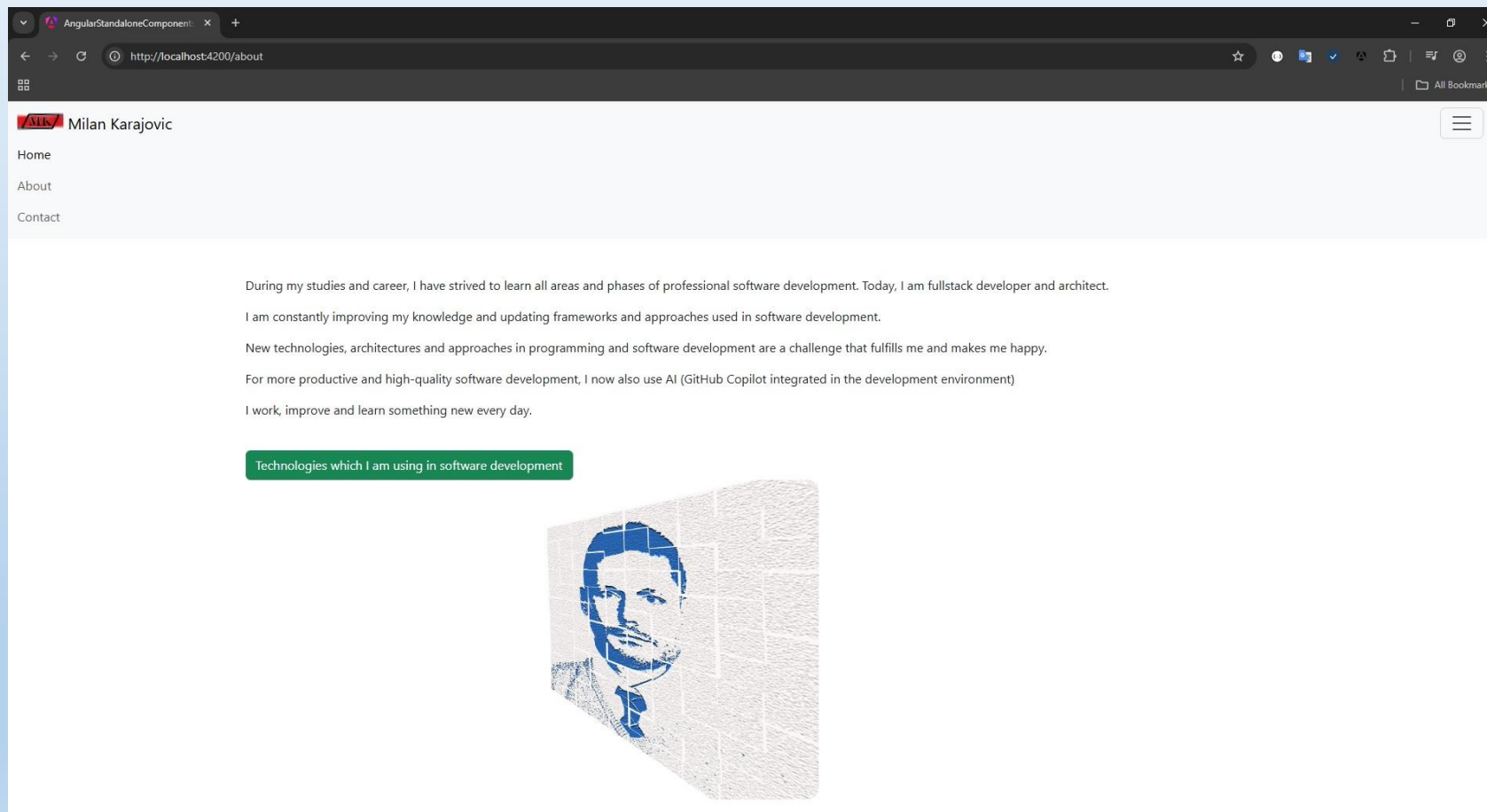
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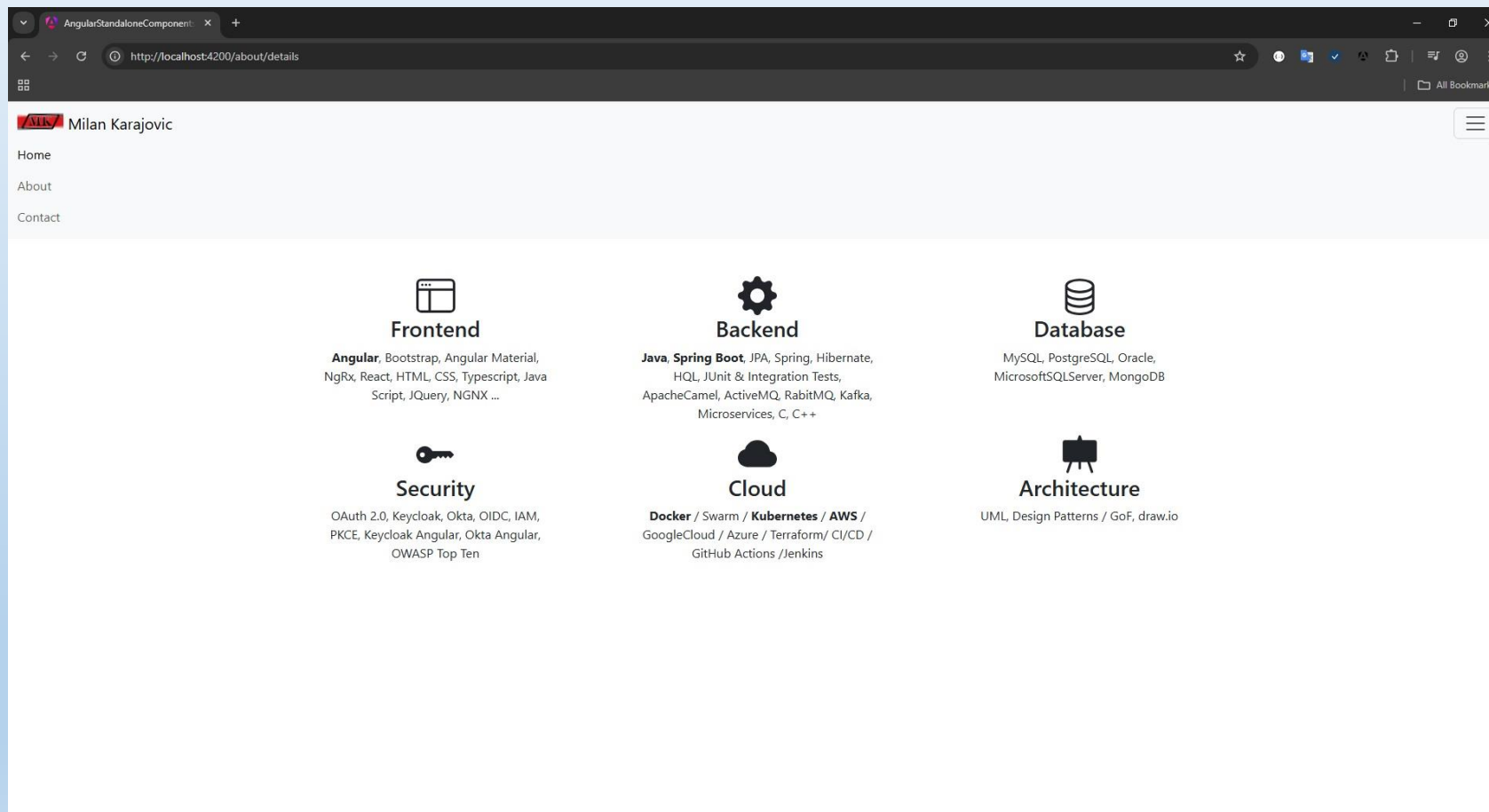
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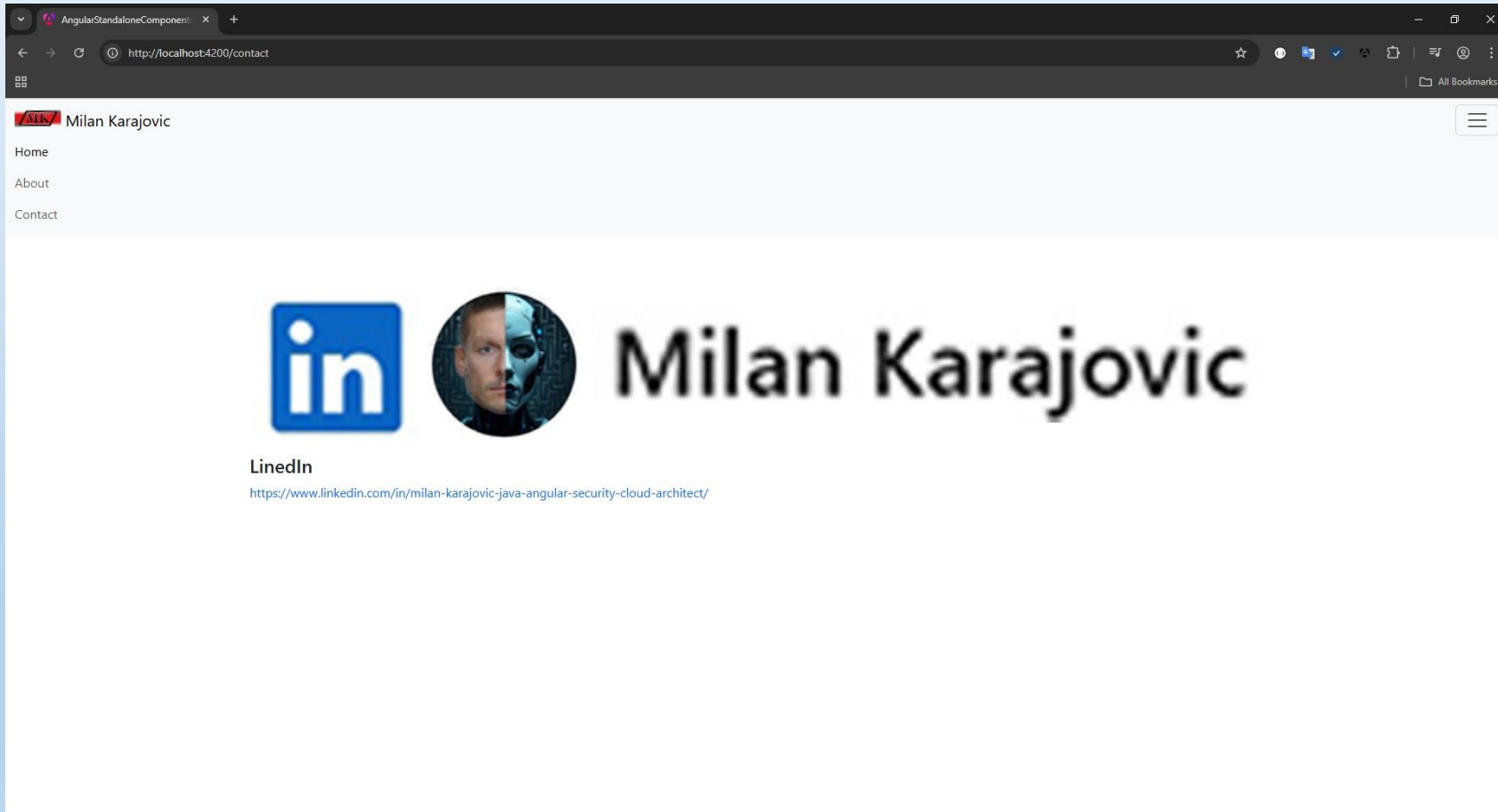
About



About -> Details



Contact



Thanks

- You are now ready to create your own modern and functional portfolio. Good luck.
- **Try example** on GitHub. See you again!
- **GitHub with Source Code:**

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