Validating Angular Template-driven Forms
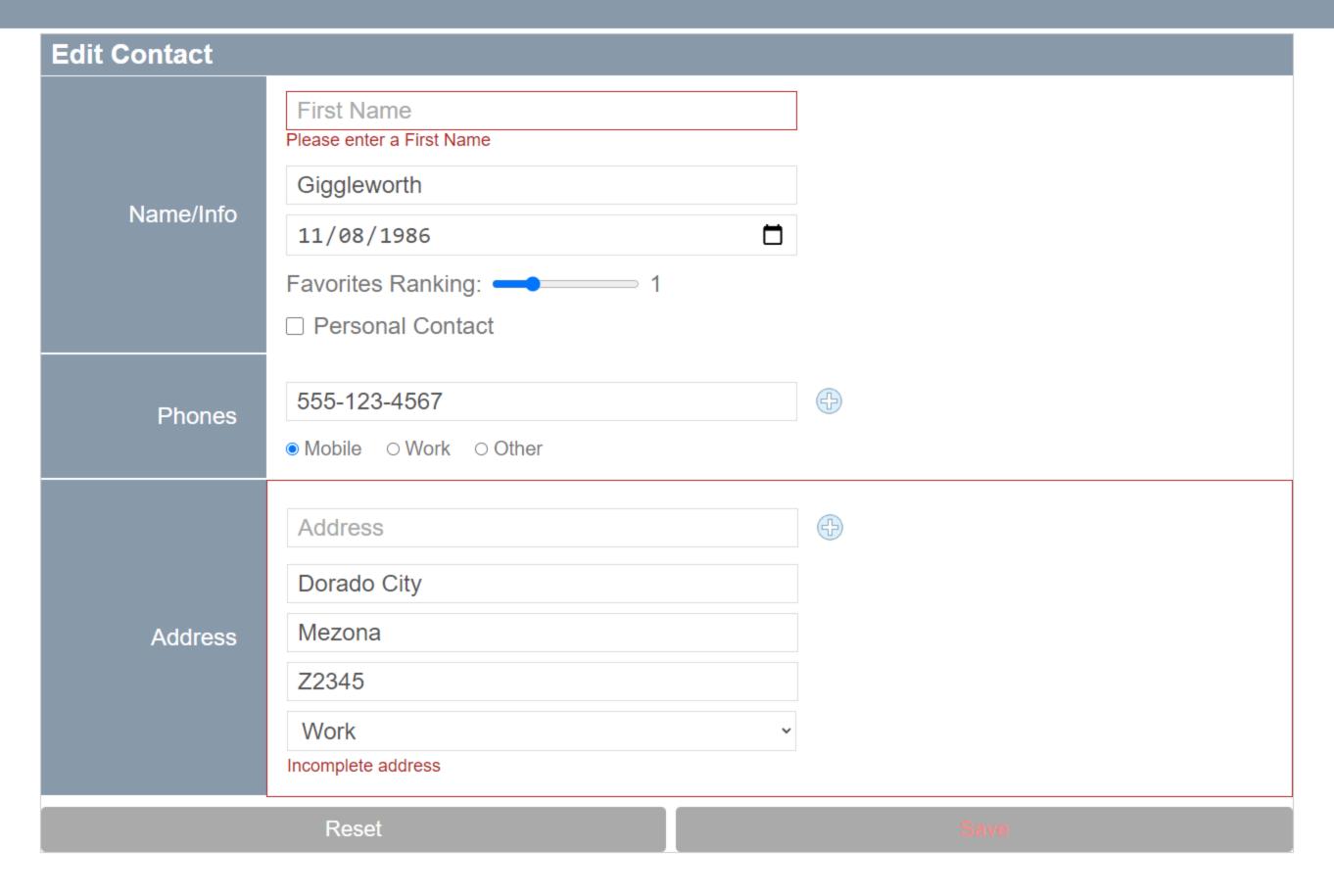
Jim Cooper

Software Engineer

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Edit Contact

Name/Info

First Name

Please enter a First Name

Giggleworth

11/08/1986

Favorites Ranking: 1

☐ Personal Contact

Phones

555-123-4567

● Mobile ○ Work ○ Other

Address

Address

Dorado City

Mezona

Z2345

Work

Incomplete address

Reset

Save

Angular's Built-in Validators

required	**Requires a non-empty value**
min	**Requires a numeric value >= provided number**
max	**Requires a numeric value <= provided number**
minLength	**Requires a value of length >= provided minimum**
maxLength	**Requires a value of length <= provided minimum**
email	**Requires a valid email pattern**
pattern	**Requires the value to match a regex pattern**
requiredTrue	**Requires the value to be true**

Angular Form Controls

First Name `[(ngModel)]="firstName"`

FormControl

- invalid
- valid
- dirty
- pristine
- touched
- untouched
- value

Angular Form Controls

Address

City

State/Region

Zip/Postal Code

First Name	[(ngModel)]="firstName"

FormControl

— invalid
— valid
— dirty
— pristine
— touched
— untouched
— value

FormGroup

— invalid
— valid
— dirty
— pristine
— touched
— untouched
— value