



# Jean Junior Heldt

- Graduação: TADS - UNIPAR
- Especialização: Gestão de TI - FASUL
- Desenvolvedor na CWI Software



# Aula 03

- Cadastro de Clientes
- Implementações extras

*Campos com máscaras*

*Confirmação*

*Validações de campos personalizadas*

*Pipes*

<https://github.com/jeanjunior/app-unipar2>

# Bibliotecas

- Máscaras

## angular2-text-mask

<https://www.npmjs.com/package/angular2-text-mask>

*npm install angular2-text-mask --save*

// In your App's module:

```
import { TextMaskModule } from 'angular2-text-mask';
import { CurrencyMaskModule } from "ng2-currency-mask";
```

*imports: [*

```
  ...
  TextMaskModule,
  CurrencyMaskModule
]
```

## ng2-currency-mask

<https://www.npmjs.com/package/ng2-currency-mask>

*npm install ng2-currency-mask --save*

# Bibliotecas

- Gráficos

## ng2-charts

<https://www.npmjs.com/package/ng2-charts>

*npm install ng2-charts@2.4.2 --save*

*npm install chart.js@2.9.3 --save*

// In your App's module:

*import { ChartsModule } from 'ng2-charts';*

*imports: [*

*...*

*ChartsModule*

*]*

# Bibliotecas

- Drag-drop

## ng2-dnd

<https://www.npmjs.com/package/ng2-dnd>

`npm install ng2-dnd@5.0.2 --save`

`// In your App's module:`

`import { DndModule } from 'ng2-dnd';`

`imports: [`

`...`

`DndModule.forRoot()`

`]`

Import the `style.css` into your web page from  
`node_modules/ng2-dnd/bundles/style.css`