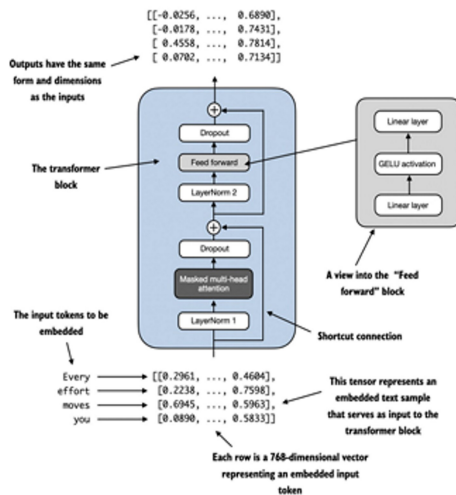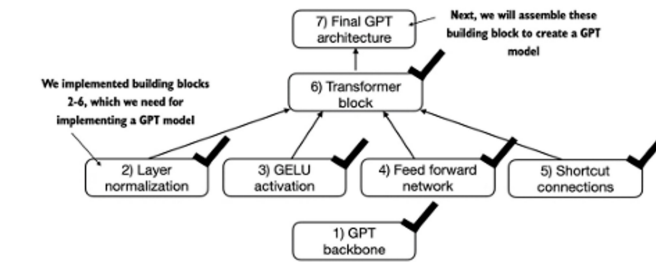# LLM Architecture : Code Transformer block


```
def forward(self, x):
    #A
    shortcut = x
    x = self.norm1(x)
    x = self.att(x)
    x = self.drop_resid(x)
    x = x + shortcut    # Add the original input back

    shortcut = x #B
    x = self.norm2(x)
    x = self.ff(x)
    x = self.drop_resid(x)
    x = x + shortcut    #C
    return x
```

Entire GPT Model Architecture