# Full Stack Developer Problem – Vp plc

**Problem:**One of our businesses require a web page and web service that allows a user to enter a postcode and get crime rates in the immediate and surrounding areas.

The crime data should be searchable and presented in a way that prioritises user experience, it should also be accessible via an API.

Location information can be obtained from: <https://postcodes.io/>

The UK Police data API can be used to obtain crime information for a location which can be found here: <https://data.police.uk/docs/method/crimes-at-location/>

You should bear in mind that calls to postcode.io and data.police.uk are rate limited.  
  
The solution should utilise either .NET Framework or .NET Core but you are free to use any front end framework you feel comfortable with. Once complete zip the solution up and send it back to your recruiter or share a link to your repository.