



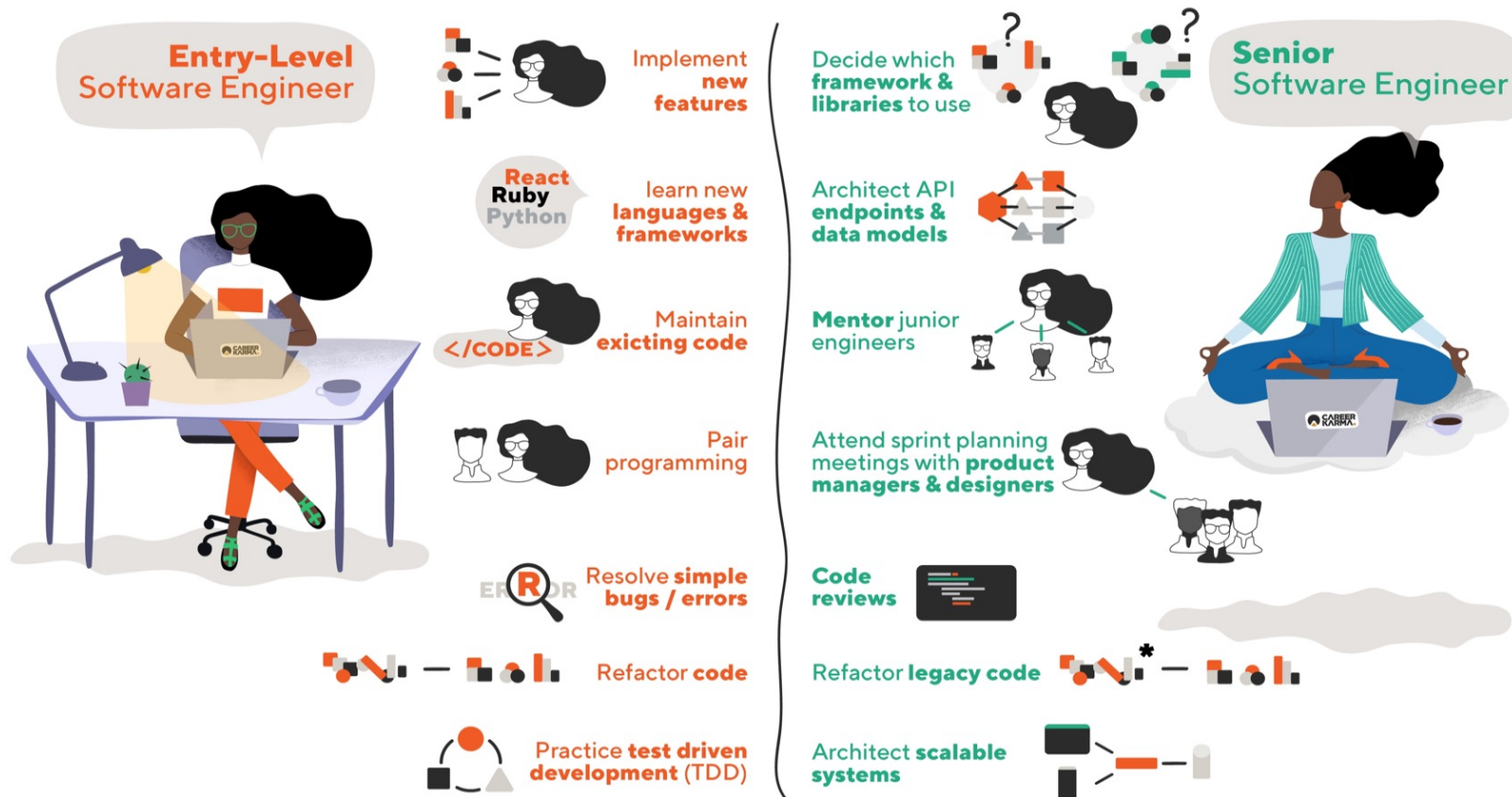
MY FUTURE JOB AND CAREER

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What Is Software Engineering ?

A Day in the Life of a Software Engineer



About Software Engineering ?

- ▶ *There is many types of software engineering as a roles full stack engineering.*
- ▶ *,front end engineering, back- end engineering.*
- ▶ *Software engineering it's computer programming,*
- ▶ *also writing requires and implementing, testing software's.*
- ▶ *The main goal is creation, design and maintenance of software.*

Software Engineering



What are developments in software engineering?

- ▶ The most of the software engineers are using programming languages : Python , C++, Java and etc.... so they can create applications that will run on the computers.
- ▶ **Model-based engineering** has also become much more prominent. This is where, using tools such as SCADE and MATLAB Simulink, requirements and designs are represented as a collection of models.

What Does a Software Engineer Do?

- ▶ Programs Updating
- ▶ ensure that active program runs smoothly updates and bug fixes.
- ▶ Designing coding apps create new programs and Analysis.
- ▶ They can also create websites or web applications
- ▶ Also analyses user requirements test codes or refining and rewriting
- ▶ Research, Write new software programs
- ▶ They also work for gaming company's or computer systems

Software Engineering Skills

Top Skills for Software Engineers



Skills and requirements

- ▶ *Coding and Computer Programming. ...*
- ▶ *Software Testing. ...*
- ▶ *Object-Oriented Design (OOD) ...*
- ▶ *Software Development. ...*
- ▶ *Communication Skills. ...*
- ▶ *Team Player. ...*
- ▶ *Problem Solving. ...*
- ▶ *Attention to Detail.*
- ▶ *Coding languages. ...*
- ▶ *Database knowledge. ...*
- ▶ *Data structures and algorithms. ...*
- ▶ *Source control. ...*
- ▶ *Testing procedures. ...*
- ▶ *Debugging knowledge. ...*
- ▶ *Operating systems. ...*

How Long Does It Take to Learn Software Engineering?

- ▶ You can learn online or study at campuses it takes 6 months or 4 years
- ▶ Also after the 4 years you can do masters as well
- ▶ But if you did coding bootcamp course that will help you to become software engineering more early it will take like max a year.

How much can you earn?

Location	Average salary	Salary range
Altrincham	£926,250	£926,250 - £926,250
Maidstone	£326,667	£55,000 - £870,000
Royston, Hertfordshire	£205,250	£192,500 - £218,000

The Average Software Engineer salary in Central London is

£96,500

Low
£44,500



High
£130,000

Is software engineering a good career ?

- ▶ I think its more better this days, because if you look around you all of us we are using technology and smartphones and most of people are more social by using apps.
- ▶ Also you can work at home without leaving your house and nowadays its better for people to be safe at home because of the covid19
- ▶ You have your own time you are your own Boss.