CodeClan

CAREERS

Industry Insights PSD

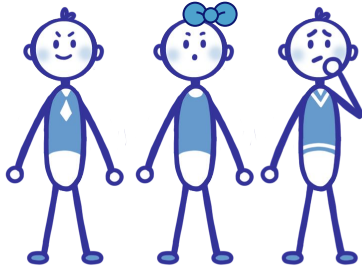## CodeClan Careers Service

Feature Teams

QA

DEVS

BA

Scrum Master

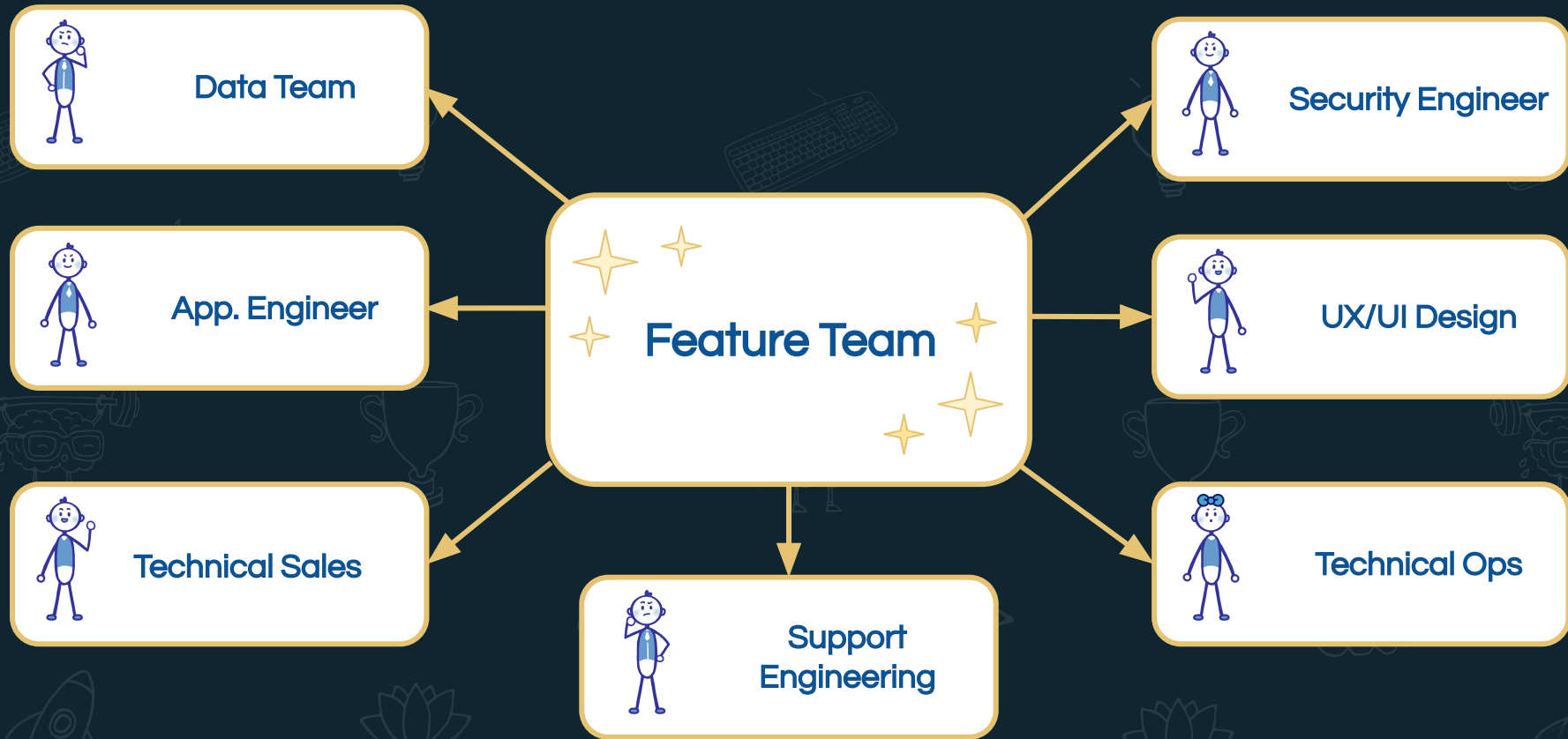Product Owner

Career Ladder

Principal Engineer

Senior

Mid

Junior

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Epic Backlog

Epics

Features

Stories

Software Developer - Front End

Tech

- **Language/Framework:**
- HTML, JavaScript, CSS, React, Angular, Vue, Redux+Flux/Context API+hooks
- **Tools:** Gulp, Grunt, Babel, Webpack

Who you might work with:

- UX/UI and Product Designers
  Product Owners, Marketing teams, API developers, Back-end developers

Team:

- Works in a feature team

AKA:

- Front End Engineer
- UI Developer
- Javascript Developer

Salary for a Junior Developer: £25-30K (average)

Salary for an experienced Developer: £50-80K

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Software Developer - Back End

Tech Stack

Languages & Frameworks:
- Java (Spring, Hibernate, Spark etc), C# (.NET MVC), Python (Django, Flask), Node.js (Express), Ruby (Rails, Sinatra)
- API development
- **Deployment / Cloud**
  Docker, Kubernetes, AWS (Amazon Web Services), Azure Cloud, Heroku
- CI/CD (Continuous Integration / Continuous Deployment) - Jenkins, Travis, SQL (relational databases)
- **Web Scale & Open Source**
  Apache (Samza, Kafka, Spark) or RabbitMQ

Team:
- Works in a feature team

Who you might work with:
- Tech Ops, DevOps, Support Engineering Product Owners, Front-end developers

AKA:
- Back End Developer
- Back End Engineer
- \<Language\> (e.g. Java) Engineer
- API Developer

Salary for a Junior Developer: £25-30K (average)

Salary for an experienced Developer: £50-80K+

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Full Stack

Tech Stack

- Uses technologies from both front and back-end engineering
- Generalist with broad knowledge across the stack

Team:

- Essential part of a balanced feature team

    .

AKA:

- Full-stack Developer
- Full-stack Engineer
- Developer

Who you might work with:

- UX/UI, Product Designers
  Product Owners, Tech Ops, DevOps

Starting salary for a Junior Developer: £25-30K (average)

Experienced Developer: £50-80K+

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Dev Ops (Developer Operations)

Tech Stack

Languages & Frameworks:
- Python, Bash, Ruby, Node.js
- Lots of scripting

Deployment / Cloud
- Docker, Kubernetes, AWS (Amazon Web Services), Azure Cloud, Heroku
- CI/CD (Continuous Integration / Continuous Deployment) - Jenkins, Travis, SQL (relational databases)
- Apache (Samza, Kafka, Spark) or RabbitMQ

AKA:
- DevOps Engineer/Developer
- SRE (site reliability engineer)

In many organisations DevOps is an engineering approach rather than a job title

Team:
- For some companies this role is in a feature team, others have a separate DevOps Team

Works With:
- Tech Ops, Infrastructure Engineers, Third parties e.g. AWS, Product team, Devs

Starting salary for Junior DevOps £30-40K (average)

Experienced DevOps Engineer £60-90k+

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Test (QA)

Tech

- **Tools:** Bash, Batch, Selenium, Jest, Cypress, Cucumber, various programming languages (Python, JS, C# very common)

Who you might be working with:

- Product Owner, Product Manager, Back End Developers, Front End Developers, Business Analyst

Team:

- Usually in a feature team, some companies have separate QA teams

AKA:

- Test Engineer
- Automated Test Engineer
- QA Engineer
- SDET (Software Development Engineer in Test

Good role if you like breaking things! Or like finding bugs!

Automated test engineer roles pay more than manual testing roles on average.

Typical starting salary for a Junior Tester: £25-30K

Salary for an experienced Tester: £40-50K (level dependent)

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Business Analyst (BA)

Tech

- **Tools:** JIRA, Logs, Excel, SQL, BDD
- Not a coding role

Who you might be working with:

- Product Owner, Product Manager, Back End Developers, Front End Developers, DevOps

Team:

- Usually in a feature team

AKA:

- Technical Analyst
- Analyst

Good bridging role between product and tech.

Typical starting salary for a Junior BA: £25-30K

Salary for an experienced BA: £40-50K (level dependent)

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Product Owner

Tools & Techniques
- User story mapping, BDD, Jira
- Scrum, Kanban, Agile

Who you'll work with
- Feature teams, Business stakeholders: Customers, Operations

AKA
- Product Manager
- Project Manager (Old fashioned)
- (Sometimes) Agile Coach

Can be a hat you wear rather than a role - depends on the company.

Salary for a Junior Product Owner £35K+ (average)
Salary for an experienced PO £40K+

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UX

Tools & Techniques

- Service Blueprint, Consumer Journey Map, Personas
- Value Proposition
- Stakeholder Interviews
- Key Performance Indicators
- User Story Mapping

Working with:

- Users, Customers, Stakeholders, Dev, PO

AKA

- User Experience Designer/Engineer

Good role if you like understanding the customer journey and improving customer experience.

Salary for a UX Designer £25 - £32K (average for a new UX)

Experienced UX Designer £30 - 40K

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Software Sales, Marketing Tech Sales

Tools & Techniques

- User Experience Designer/Engineer
- Customer Pain Points
- Solution design
- Tech Stack / Performance
- Service Blueprint, Consumer Journey Map, Personas
- Value Proposition
- Stakeholder Interviews
- Presentation skills
- Active Listening

Working with:

- Users, Customers, Stakeholders, PO

Salary for sales, marketing and Tech Sales £25 - £50k (average)

Experienced £35 -1800K

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Outside the "normal" dev-team family

Specialist Fields

Data Analyst
- Big Data Analyst
- Information Analyst
- Machine Learning

Games Developer

- Graphics Programming

Mobile Development
- iOS / Android / React Native

- Low level technology
- Embedded (microprocessors)

- Compiler Development

Blockchain
- Cryptocurrency

Security Specialists

- Penetration Tester / Ethical Hacker
- Cyber Security
- Product / Ops Security

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Any questions?

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