SOFTWARE DEVELOPER

APPRENTICESHIP ROADMAP

TRAFFORD & STOCKPORT COLLEGE GROUP

1. ONBOARDING

You will have an initial meeting with one of our Admissions Advisors where you will receive information, advice and guidance regarding our apprenticeships. Forms and initial assessments will be sent to you to complete and return back to us.

On day 1 you will receive an overview of the apprenticeship which will be followed up by a comprehensive standard specific induction by your Skills Coach in the first week. You will have your first 1-2-1 with the Skills Coach where the planning of your Individual Learning Plan (ILP) will begin.

2. 9-WEEK COURSE

The 9-week course will be delivered using Microsoft Teams via video sessions, assignments and projects. Joining instructions and your Teams account details will be sent to you.

3. SKILLS COACH

You will be assigned a Skills Coach who will meet with you at least once a month to discuss the progress you have been making, and will stay with you until the end of your apprenticeship. They will help to select the most appropriate projects to include in your portfolio so ensuring that you meet your Knowledge, Skills and Behaviours (KSB).

4. WORKPLACE LEARNING

During your apprenticeship you will attend training to develop your knowledge and skills, and work on projects and assignments in the workplace that meet KSBs needed to reach the End Point Assessment (EPA).

Your Skills Coach will review your work and provide feedback.

5. 15 DAYS TRAINING

Training days will occur monthly (at least 1 day per month), and will include sessions on software testing, version control, Unity C# basics, DevOps, and more!

6. PORTFOLIO COMPLETION & EPA

As you near the end of you apprenticeship, you will work with your Skills Coach to ensure that your portfolio is completed and meets the needs of EPA.

During EPA, your Skills Coach will meet with you each week (or as often as needed) to ensure you are prepared for EPA and all the assessment methods.

7. APPRENTICESHIP COMPLETION

Once all EPA projects and interviews have been completed, you will receive your final apprenticeship grade within 1 week of the final assessment method.

In collaboration with

Reed

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For more information contact the Apprenticeships Team **apprenticeships@tscg.ac.uk**

SOFTWARE DEVELOPER

LEVEL 4 APPRENTICESHIP

TRAFFORD & STOCKPORT COLLEGE GROUP

OVERVIEW

The Apprenticeship lasts 21 months and involves an intensive 9-week immersive training programme at the beginning, allowing the apprentice to enter the workforce with the knowledge and skills they need to make a real impact from day one.

After the initial training period they will continue to learn on the job, refining their existing skills and learning further languages and tech stacks. There will be a further 15 days of off-the-job training delivered 1 or 2 days each month from month 3 to month 15 covering a variety of topics to support the on-the-job learning. Apprentices will be supported throughout their journey by you and our designated Skills Coaches, who will meet with the apprentice and yourselves regularly for 1-1's. Throughout the apprenticeship, they will create a portfolio of evidence showcasing their best work.

Our Skills Coaches work with the apprentice and you to put a suitable coaching plan in place to support them throughout their journey.

You will be responsible for providing projects for the apprentice to complete, appraisals and ongoing in-house training/mentoring.

WHAT'S COVERED

> Understand the principles of programming
> Analytical and mathematical skills
> Problem solving skills
> Technical and non-technical communication skills
> Research and troubleshooting skills
> Ability to work well in a team
> Willingness to learn and adapt

JOB ROLES

> Web Developer
> Mobile Application Developer
> Software Developer
> Application Development Technician

LEARNER JOURNEY

DAY 1

Initial Training: Months 1-3

BEFORE INITIAL TRAINING
Complete onboarding session, meeting the apprenticeship team and gain an understanding of the entire apprenticeship journey.

FRONT END CODING
In weeks 1 and 2 you will learn the fundamentals of front end development using technologies such as HTML/CSS/JavaScript and Version Control Basics.

WEB APPLICATION CODING
In weeks 3 to 6 you will learn web application development using more advanced JavaScript and the React framework.

BACK END CODING
Weeks 7 to 9 cover backend development technologies using Node.js, Web servers and REST APIs and databases with MySQL.

EPA: Months 16-21

In work setting: Months 3-15

PROJECT & DISCUSSIONS
Complete End Point Assessment, working on an employer set project and having two professional discussions with an external assessor.

PROJECT AGREEMENT & EPA
Create final version of portfolio ready for EPA. Agree Employer Set Project to be completed during EPA.

PORTFOLIO DEVELOPMENT
Gather evidence for your portfolio documenting the projects you have worked on. Have regular progress reviews with your Skills Coach and Line Manager to review achievement of targets.

IN THE WORKPLACE
Begin your placement in the workplace, have an induction and start working on real world projects. You will receive 1 or 2 days off the job training per month to support your progress.

ELIGIBILITY

When deciding whether or not someone is suitable for this course, you need to be able to answer **yes** to the following questions:

✓ **They will work in a full time technical role focussed on coding and programming**
✓ **They will write code in more than 2 languages**
✓ **They will use front and back end technologies on my projects**
✓ **They will be involved in user testing and debugging activities**
✓ **They will be in a development team with supervision from a senior developer**