Introductions

Goals for today:

1. Flying Start Timetable

2. Course Curriculum + Additional Support

3. Q&A with a Coach + apprentice on bootcamp

George Burbidge
H&B Account Manager

Private and Confidential

Your Flying Start

10:00 - 12:00 => Career Progression

12:00 - 1:00 => Lunch

1:00 - 2:00 => Apprentice Success

2:00 - 3:00 => Coach Drop-ins

3:00 - 4:00 => Exploring Community

4:00 - 4:30 => Wrapping Up

	September 21st	**September 22nd**	**September 23rd**
09:30 am	Welcome to MV	Welcome to day 2	Welcome to day 3
10:00 am		Cohort and squad fun	Career Progression Growth Mindset Vision Setting
10:30 am		Activity part 1	
11:00 am			
11:30 am			
12:00 pm	Lunch	Lunch	Lunch
12:30 pm			
1:00 pm	Tech Installation	Activity part 2	ASM Session & Surveys
1:30 pm			
2:00 pm			Coach drop in / breakouts
2:30 pm			
3:00 pm	Problem solving challenge	Debrief w/ cohort coach	Community event
3:30 pm			
4:00 pm	Day 1 wrap up and Q & A	Day 2 wrap up and Q & A	Day 3 wrap up and what's next?

Software Engineering Curriculum

Program Overview

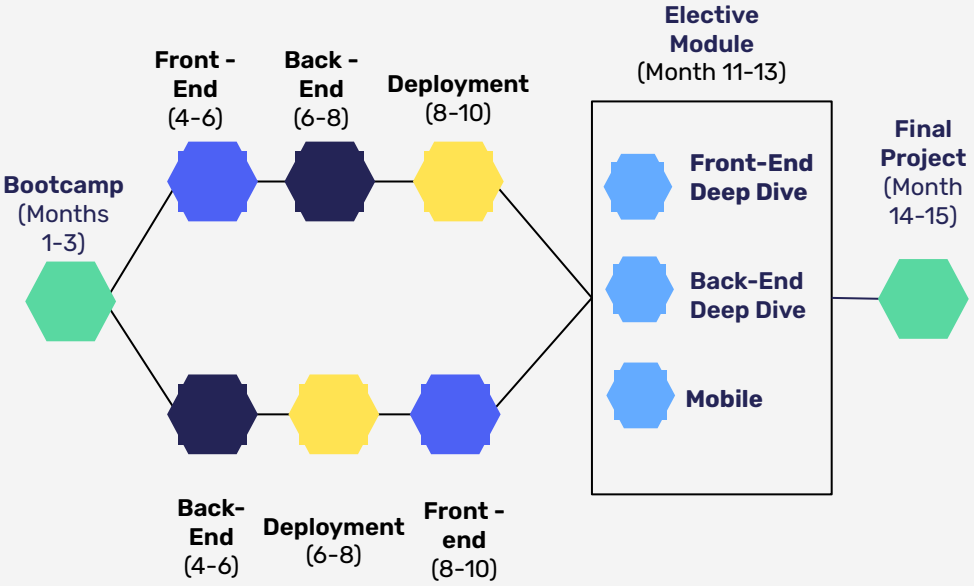
12-week bootcamp to equip you with core **foundational skills**, including JavaScript, **a 2nd language aligned to a company's tech-stack**, CS Theory, Algorithmic Problem Solving, and Open Source Contribution.

Post-bootcamp, you will learn to contribute across the **software development life cycle**; and be placed in a **front-end or back-end pathway,** designed to frontload content most relevant to your role.

Electives in crucial areas to allow you to go deeper and provide more value in the workplace.

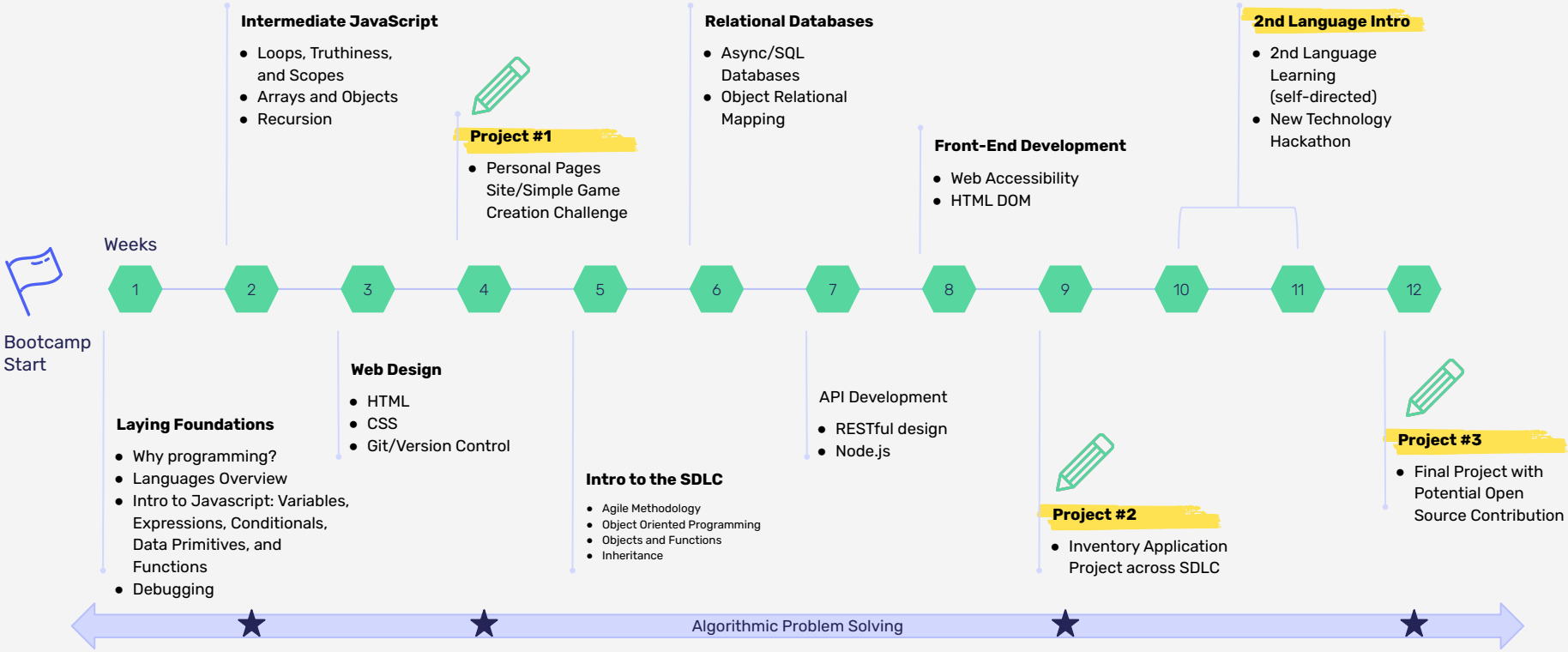
On-the job training and weekly sessions to continue to develop

Roadmap



Bootcamp Details

12-week Foundational Skills



Front-End Pathway

2.5-Month Deep Dive Modules

Bootcamp
3 months

Fullstack Javascript
SDLC
Algorithmic Problem Solving
CS Theory
Intro to 2nd Language (e.g. Java, Python)

Module 1: Front-End
2.5 months

Designing & optimizing UIs
State management

Module 2: Back-End
2.5 months

RESTful APIs
NoSQL
Authentication
Authorization

Module 3: Deployment
2.5 months

CI/CD
Cloud infrastructure
Security

Module 4: Electives
2.5 months

Final Project
2 months

1-3 | 4-6 | 6-8 | 8-10 | 11-13 | 14-15

Months

Sample Work Deliverables

- Audit existing tools for accessibility
- Implement end-to-end tests
- Create documentation for existing user interfaces

- Write relevant queries to a business database
- Create a systems diagram or documentation for an existing API or internal tool

- Own or participate in the creation and delivery of a feature from design to deployment
- Document continuous integration or deployment pipelines

- Design and build a project that contributes to their role and future career interests

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2.5 months

Designing & optimizing UIs
State management

Module 4: Electives
2.5 months

Final Project
2 months

1-3 | 4-6 | 6-8 | 8-10 | 11-13 | 14-15

Months

Sample Work Deliverables

- Write relevant queries to a business database
- Create a systems diagram or documentation for an existing API or internal tool

- Containerize existing services
- Document continuous integration or deployment pipelines

- Audit existing tools for accessibility
- Implement end-to-end tests
- Create documentation for existing user interfaces

- Design and build a project that contributes to their role and future career interests

Role of the Coach

- ***Main point of contact*** *at Multiverse for you and your apprentice manager*
- ***1:1 coaching*** *to catalyse your growth*
- ***Providing feedback*** *on your progress*
- ***Delivering course-content*** *and relevant theory, and supporting you in* ***applying that to your role for immediate impact***
- ***Empowering you to learn and find solutions on your own*** *by facilitating peer learning*
- ***Supporting you in staying on track to achieve the qualification,*** *including: portfolio and assignment guidance and feedback, EPA preparation*

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Multiverse Community: Our community supports your development and transformation

High profile, expert speakers

Technical skills Workshops

Networking opportunities

Professional development programmes

Cutting edge industry insights

Learner Support

Multiverse Data Lab

A community group of **1,000+** Multiverse Data apprentices providing:

- Exclusive workshops
- Case studies
- Networking opportunities

Welcome to the Multiverse Community

Upcoming Community Opportunities - SWE

Events:

- Advanced Excel Dashboards: Communicating with impact - Dec 14th @ 11am
- Introduction to Artificial Intelligence - Dec 14th @ 2pm
- Making a Personal Plan - Dec 15th @ 2pm
- The Python Prep Lab (Automation) - Dec 15th @ 3pm
- The 30-Minute Journal - Dec 17th @ 12pm
- Shut Up and Write - Dec 17th @ 2pm
- Forming better habits - Jan 7th @ 2pm

Content:

- Blog Post: Using LinkedIn for Networking - Elle Birrell King
- Blog Post: Navigating Industries - Amy Ruffhead
- Event Recording: Grit - Achieving Ambitious Goals with Steve Newson
- Event Recording: Time Management and Essentialism

Other Opportunities:

- **Nominations for Member of the Month are now open!**

We know that our apprentices are amazing and are making HUGE impact in the world. If you know of another apprentice doing special things, why not celebrate them? They could be in with a chance of winning a £25 Amazon Voucher. What for? Anything! Going the extra mile, coping well, smashing their apprenticeship or for being an all-round superstar. Nominate them here! (Deadline 17/12/2021)

Q&A with:

- Simon Haines - SWE Coach
- Yahye Gutale - SWE Apprentice