

Action Plan

Where do I want to be by the end of this period/year?
 What do I want to be doing? (Include as many learning needs as required to achieve agreed objectives)

| What do I want/need to learn? | What do I have to do to achieve this? | What resources or support will I need? | How will I measure success? | Target dates for review and completion |
|-----------------------------------|--|--|---|--|
| Programming languages | Take online courses in Python and SQL (ongoing) Practice coding daily (ongoing) Work on personal projects (ongoing) Join coding communities (ongoing) | Computer and Internet access IDE (Integrated Development Environment) Online learning platforms Coding books and documentation | Complete course assessments Build a portfolio of projects Contribute to open-source projects Pass coding interviews and certifications | Monthly Completion: 6-12 months |
| Cloud computing | Enrol in cloud certification courses (AWS, Azure, Google Cloud) (ongoing) Set up and experiment with cloud environments (ongoing) Attend webinars and virtual conferences (ongoing) | Cloud service provider accounts Online course materials Cloud computing textbooks Support from the IT department or mentors | Obtain cloud certifications Successfully deploy and manage cloud projects Peer and supervisor feedback on cloud skills | Quarterly Completion: 9-15 months |
| Design Models and Diagrams | Take UML and system design courses (ongoing) Practice creating diagrams for various scenarios (ongoing) Study design patterns and architectural styles (ongoing) | Diagramming software (Lucidchart and Draw.io) Design books and online resources Feedback from experienced designers or architects | Create clear and compelling diagrams for projects Receive positive feedback from team members Successfully apply design patterns in projects | Bi-monthly Completion: 4-8 months |
| Project management | Enrol in a project management course and boot camp (ongoing) Read PM books and articles (ongoing) Shadow experienced project managers (ongoing) Apply for PM certification (PMP, PRINCE2) (ongoing) | Project management software (JIRA, Trello) PM course materials and study guides Mentorship from senior PMs Access to PM tools and templates | Successfully lead small to medium projects Obtain PM certification Positive feedback from the team and stakeholders Improved project outcomes and efficiency | Monthly Completion: 12-18 months |
| Capstone project | Make contact with my supervisor and seek advice on the next steps for when the last module ends (ongoing) | Submit my outline to the admin team, specifying my supervisors, and arrange a project kick-off meeting with them so they can provide me guidance and assistance on my Capstone project | The project's objectives review, adherence to timeline, personal growth, problem-solving, innovation, presentation, and positive feedback from my supervisor's | Weekly Completion: 12-20 Weeks |