

The Algorithm of Success: Navigating the Do's and Don'ts in Technical Degree Programs with Finesse



Agenda

- Introduction
- The Roadmap
- The Do's
- The Don'ts
- Addressing Challenges
- Strategies for Success
- Professional Tips
- Q&A
- Conclusion



Introduction

Muhammad Jamil, a Senior Software Developer with over 7 years of industry experience. Proficient in PHP (Laravel), Java, Python, MySQL, and other software development-related stacks, expert in developing customized solutions for businesses. Contributed to the development of 200+ software products, encompassing a wide range of solutions, including Web Apps, Desktop Apps and Mobile Apps.

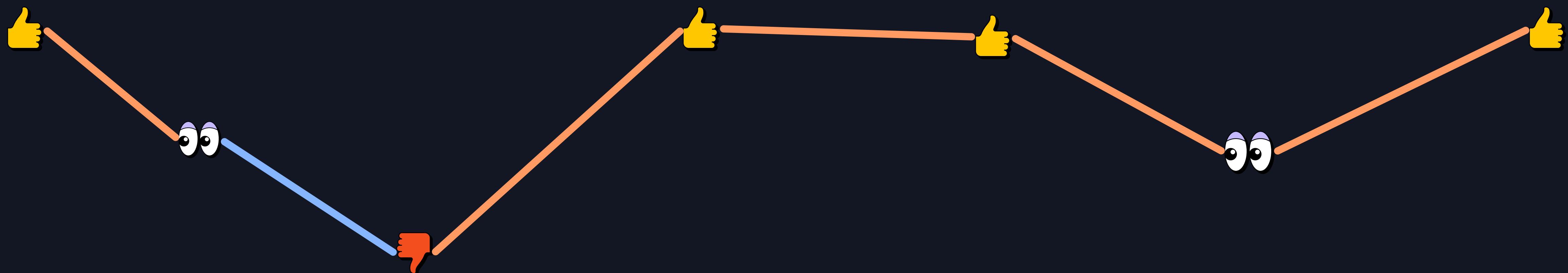
Demonstrated expertise in leadership, training, mentoring, and educating students using various software development methodologies in higher education institutions (HEIs).

CS Degree Roadmap



The Do's

- Start with gaining fundamental concepts in your field of study
- Take benefits of seeking assistance from instructors, advisors, and community
- Discover effective study techniques that help to your learning style
- Create a portfolio showcasing your projects and code, also build a strong social bonding on business and employment-focused social media



The Don'ts

- Don't rely on reading programming books without engaging in hands-on practice
- Don't put everything on eleventh hour and don't **Plagiarize**
- Don't hesitate to ask questions in class or seek clarification
- Don't focus solely on technical skills. Soft skills like communication, teamwork, and time management are equally essential for a well-rounded education and career success



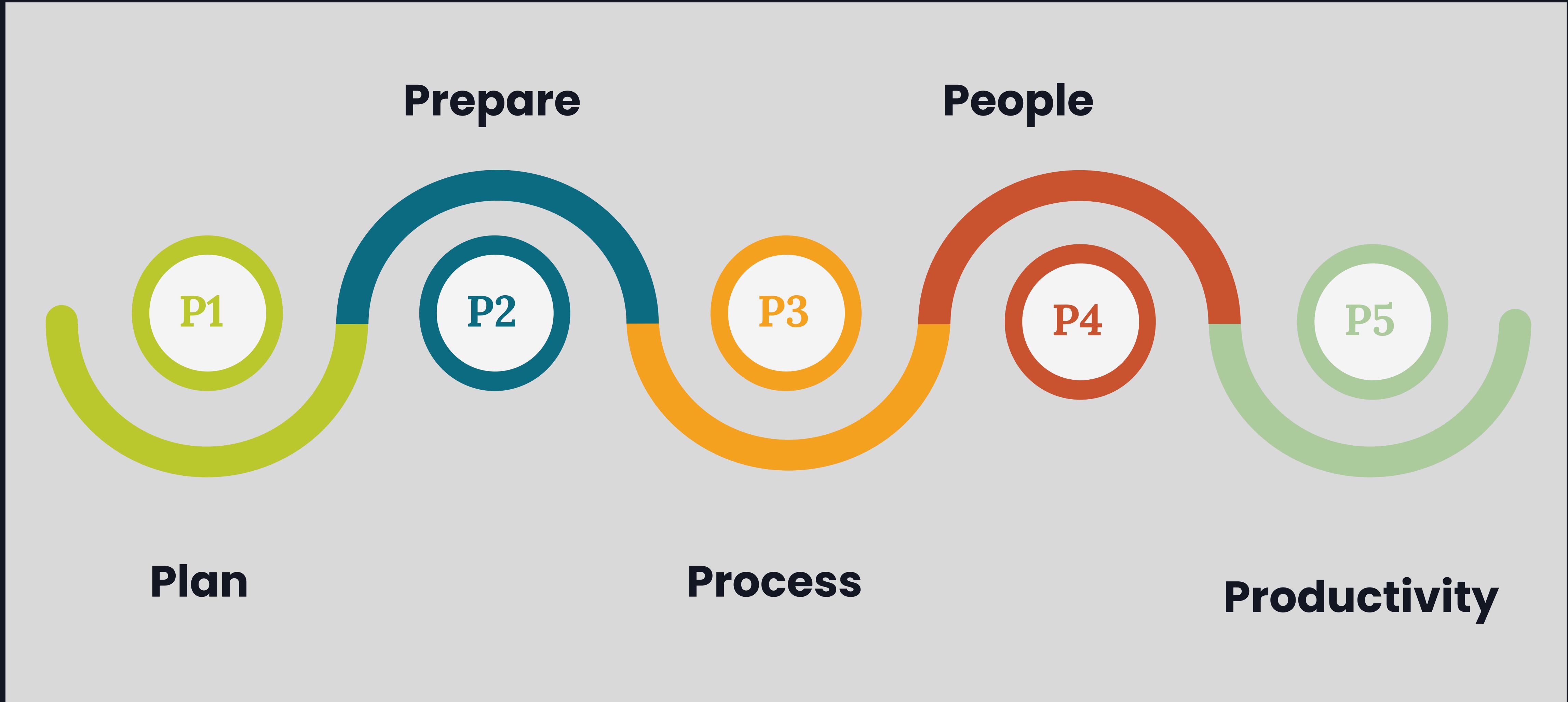
Addressing Challenges

- Overcome academic pressure through group study (study group)
- Staying updated with technology through online presence
- Balancing coursework and personal life with time management
- Transforming programming challenges into engaging and enjoyable tasks

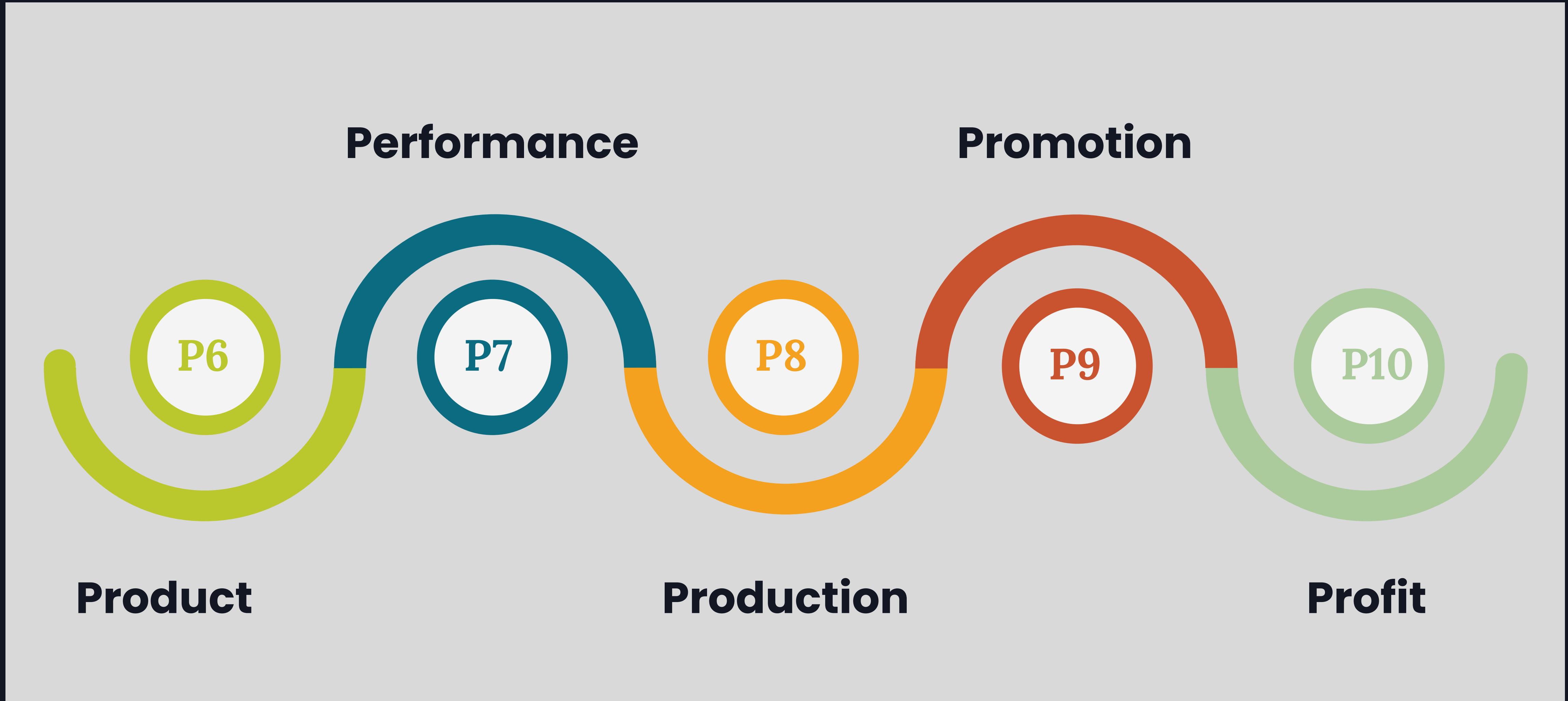
can enhance the learning experience.



Strategies for Success (cont.)



Strategies for Success (cont.)



Professional Tips

- Follow Roadmap for Software Development
- Stay focussed on your goals and focus on higher order learning (Bloom's Taxonomy)
- Seek mentorship from at least one industry expert from semester 1 to semester 8
- Extract any practical dimension from each academic course
- Stay curious, stay informed and never stop learning
- Reward yourself
- Be kind and considerate to others
- Stay blessed







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