

James Smith

James is a 24-year-old Computer Science student in his final year at university. He's passionate about technology and spends hours every day preparing for coding interviews with tech companies. James has been using platforms like LeetCode and NeetCode but often feels frustrated by the pre-made solutions provided. He prefers a more active learning approach, where he can write out problems and solutions in his own words to internalize the concepts. This led him to search for a tool that allows him to create custom flashcards tailored to his specific needs in coding.

Every morning, James spends an hour reviewing algorithms and data structures on his commute. He also attends hackathons and coding workshops during weekends. His study routine consists of writing problems on dynamic programming and data structures, focusing on areas of weakness where he struggles the most. While he enjoys learning, he is always looking for ways to optimize his preparation to ace upcoming technical interviews.

James feels that current platforms, like LeetCode, while helpful, do not provide enough room for users to create their own practice material. He wants a platform where he can easily build flashcards with coding snippets, explanations, and even hints in his own words. In his free time, James likes to collaborate with his peers by sharing study materials and testing each other's coding questions.

- Tech Proficiency: Advanced
- Goals:
 - Ace coding interviews by mastering algorithm questions with his own flashcards.
 - Improve understanding of complex problems by writing explanations and hints.
 - Collaborate with peers to share and test each other's custom problems.



Maria Lee

Maria is a 28-year-old software engineer with three years of experience in the industry. She's looking for a new job at a FAANG company and is preparing for coding interviews during her spare time. Maria uses platforms like Quizlet to create flashcards, but she finds it lacking when it comes to coding-specific content. She wants a tool that lets her build custom coding problems, allowing her to focus on data structures and algorithmic challenges she's likely to encounter in interviews.

Maria works from home, so she sets aside time each evening to review coding concepts and practice problems. She finds it helpful to break down difficult topics into flashcards so that she can drill the key points. Her main challenge is balancing work and study, so she appreciates tools that help her optimize her study time by focusing on areas where she needs the most improvement.

Maria wishes there were apps that allowed her to customize flashcards with coding snippets and code walk-throughs, as current flashcard apps don't offer this level of interaction. She also values flexibility in creating personalized flashcards to track her learning progress and revisit areas of weakness. When Maria isn't studying, she enjoys solving coding puzzles and attending tech meetups.

- Tech Proficiency: Intermediate
- Goals:
 - Prepare for interviews at top-tier companies like Google or Amazon using custom coding problems.
 - Focus on weak areas like data structures and algorithm optimization.
 - Use a tool that lets her embed coding snippets into her flashcards for interactive learning.

