

Verus

First-years **Taran Govindu** and **Aiden Erard** conceptualized an AI-powered software that will automate bridge inspection data analysis. Their software analyzes ground penetrating radar (GPR) data and turns it into an engineer-ready condition map. This data is taken during bridge inspection and focuses on structural integrity of rebar.

Their software addresses slow, complex data analysis that currently delays inspection reports, potentially reducing turnaround time from weeks to minutes.

The team started with the idea of somehow using drones and bridge inspections, but halfway through the Program workshops and customer discoveries, they figured out the actual problem and centered on the analysis side.

“I found the workshops and speaker sessions incredibly valuable, especially because they covered key topics like customer discovery, market evaluation, and building a strong pitch deck, which directly supported our project,” Govindu said. “We also benefited from recorded notes, organized materials, and accessible mentors, all of which helped us refine our idea and prepare confidently for Demo Day.”