

Ram Musti

LOCATION Ames, IA **WEBSITE** randomalphanumeric.github.io **PHONE** +1 (515) 451-8377 **EMAIL** ramkarthikeya.m@gmail.com

Education	Iowa State University BS COMPUTER ENGINEERING Transfer Student (2+2 Program) BITS Pilani, Hyderabad Campus BE COMPUTER SCIENCE Initial 2 years of study	Aug 2026 - May 2028 • GPA: 1st semester Aug 2024 - May 2026
	Skills	Languages: C, Python Tools: Git, Unix/Linux command line Familiar: Java, 8086 Assembly, Verilog, Arduino C++, Lean, Lua, Swift Technical Areas: Cybersecurity, Protocol Fuzzing
	Projects and Research	Fuzzie — State-Aware Protocol Fuzzer 2026 PYTHON • STAGE 2, CYBER SECURITY GRAND CHALLENGE 1.0 (MEITY / DSCI) Designed a state-aware protocol fuzzer targeting WPA2/3. Fields included studying protocol states, transitions and exploring how state information could be represented and exercised systematically for automated testing and fuzzing. Vidyut Helper Tools 2026 PYTHON • GITHUB Built an in-development Python frontend based on the vidyut-kosha and vidyut-prakriya libraries for lookup and analysis of structured Sanskrit lexical and grammatical data. Implemented lookup workflows connecting Kosha entries with derivational information from Prakriya-based analysis. The project is intended to grow into a broader set of machine-oriented tools as development continues.
Activities/Leadership	Hacking and Cybersecurity Club 2026 IOWA STATE UNIVERSITY	
	Society for Automobile Engineers 2026 BITS HYDERABAD • POWERTRAIN SUBSYSTEM	
	English Language Activities Society 2024-2026 BITS HYDERABAD Competed in parliamentary debate, including participation at the NALSAR Inter-Varsity Debate. Judged the BITS Debate at Verba Maximus, the premier literary fest of BITS Hyderabad, evaluating competing arguments and adjudicating rounds with around 30 participants from 6 universities.	