
CONTACT INFORMATION	Department of Computer Science & Engineering Indian Institute of Technology, Madras, Chennai, India - 600036	Homepage: https://gshashin.com/ Linkedin: https://in.linkedin.com/in/shashin-halalingaiah ✉ E-mail: shashin@cse.iitm.ac.in
RESEARCH BACKGROUND	<ul style="list-style-type: none"> • Compilers, Program Analysis & Verification: bringing traditionally static data flow analyses to the Java runtime 	
EDUCATION	Indian Institute of Technology, Madras	2020–2022 (expected)
	<ul style="list-style-type: none"> • MS by Research, Department of Computer Science & Engineering, CGPA: 9.17 – 72 credits. • Advisor: Prof. V. Krishna Nandivada. 	
	Visvesvaraya Technological University, Belgaum, India.	2007–2011
	<ul style="list-style-type: none"> • B.E., Electrical & Electronics Engineering. Score: 83% – Rank: 6 	
EXPERIENCE	Indian Institute of Technology, Madras	2020–present
	<ul style="list-style-type: none"> • Teaching Assistant <ul style="list-style-type: none"> ◦ CS6235 – Analysis of Parallel Programs ◦ CS6013 – Modern Compilers - Theory & Practice ◦ CS2800 – Design & Analysis of Algorithms 	
	Fidelity Investments – Bangalore, India & Raleigh, NC, USA	2011–2018
	<ul style="list-style-type: none"> • Lead Software Developer 	
TECHNICAL SKILLS	<ul style="list-style-type: none"> • <i>Programming Languages:</i> C/C++, Python, Java • <i>Tools/Softwares/Frameworks:</i> JavaCC, JTB, LLVM, ANTLR, .Net Framework, .Net Core, JVM, Angular, Spring 	
RESEARCH EXPERIENCE	<ul style="list-style-type: none"> • Verified PYE (Precise -Yet-Efficient Analyses) Indian Institute of Technology, Madras. 	2020–present
	<ul style="list-style-type: none"> ◦ I work in the related fields of compilers, program analysis and verification. I am currently working on verifying static analysis artifacts, which enable bringing otherwise expensive static data flow analyses to the Java runtime, in a precise and efficient manner. The research is being implemented in the production-grade OpenJ9 JVM. 	
SERVICE	<ol style="list-style-type: none"> 1. Artifact Evaluation Program Committee – PACT21 2. Student Volunteer – CASCON x EVOKE 2021 	