





SAKSHAM JOSHI

COMPILER ENGINEER

CONTACT

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SKILLS

Compiler Engineering
Interpreter Designing
Advance C/C++
LLVM (Low Level Virtual Machine)
Optimization
Data Structures
Debugging
Software Development
Problem Solving
Analytical Thinking
Research

EDUCATION

Bachelor's of Computer Application
Graphic Era Hill University
2021-2024

LANGUAGES

Hindi
English

PROFILE

I am a quick learner, adaptive, dedicated, consistent, and mature person who is always ready to push limits.
I enjoy solving complex problems using simple solutions that are efficient for computers to handle.
While developing compilers or any other projects, I focus on providing all necessary features while minimizing memory and power usage as much as possible.
I aim to work on harnessing my skills for the betterment of Alphabet as well as myself.

WORK HISTORY

Software Engineer NavUday Software Solutions Pvt. Ltd.
Feb 2024 - Feb 2024

- Worked on API development using C# ASP.NET in Visual Studio 2022 IDE.
- Learned how to work with team

PROJECTS

SRON Saksham Rapid Object Notation Sep 2023 - May 2024

- **A high-level, single-threaded, dynamically typed, functional and compiled + interpreted programing language.**
- The compiler converts the source code to bytecode and saves it in a '.srb' file.
- Further, the interpreter loads the bytecode file and starts the execution of code.
- Developed using C and C++ from scratch.
- Provides extremely fast execution speed which surpasses C in input/output operations.
- Faster than Python, Java, C# and JavaScript in every case.
- Developed without using LLVM (Low Level Virtual Machine).
- Skills I acquired are Problem solving, complex architecture designing, compiler engineering, debugging and insane optimizations.
- Website: bit.ly/SR_ON
- Documentations: sron.gitbook.io/docs
- GitHub: github.com/saksham-joshi/SRON.