

Prashant Rahul

Software Developer

Portfolio: prashantrahul.com

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Hi, my name is Prashant Rahul. I am a Software Developer, specializing in building Modern, Robust, Full-Stack Web Applications. I also work with/on Compilers, Interpreters, Graphics APIs, Games, Desktop Applications and Dev-Tools.

Projects

Zspie

A dynamic programming language, The compiler works in the same way as Java's JVM or Python's CPython.

<https://github.com/prashantrahul141/zspie>

skills: **C, Understanding of Lexers, Parsers and Byte Code interpretation**

Splax

Non-linear smoothing filter used in image processing for adaptive noise reduction implemented in Rust,

<https://github.com/prashantrahul141/splax>

skills: **Rust, Understanding of Lexers, Parsers and Tree-Walk Interpreters**

BlogWebApiDotNet

Web Apis for a blogging-type app using ASP .NET 8, ASP Core, EF Core, PostgreSQL.

<https://github.com/prashantrahul141/BlogWebApiDotNet>

skills: **C#, ASP .NET, ASP CORE, APIs, EF Core, PostgreSQL**

Plex

Plex is a fully featured social media application for getting together with people.

<https://github.com/prashantrahul141/plex>

skills: **Typescript, Nextjs, TailwindCSS, Prisma with MySQL**

Bf-interpreter-go

Brainf*ck interpreter, in Go.

<https://github.com/prashantrahul141/bf-interpreter-go>

skills: **Go, Understanding of Lexers, Parsers and Virtual Machine**

Image Effects

A python library to easily add effects to your images.

<https://pypi.org/project/ImageEffects/>

skills: **Python, Image processing, Image manipulation, Pillow**

Education

2023 - present - Bachelors in Computer Science

C.V. Raman Global University, Bhubaneswar

2022 - Senior Secondary Education

DAV Public School, Hehal, Ranchi

Skills

Languages: **Rust, Go, C#, Typescript, Javascript, C++, C, C#, Python, Lua, HTML, CSS**

Frameworks & Libraries: **Nextjs, ASP .NET, ASP Core, React, Express, TailwindCSS, Threejs, Framer-motion, OpenGL, Flask, WebSockets** and many other frameworks from Rust's, Go's, C#'s, javascript's and C++'s ecosystem.