

test

```
name: Soham Metha
title: Creator of VIREX
avatar: https://github.com/sohammetha.png
github: sohammetha
email: you@example.com
location: India
bio: >
    Designed and implemented the VIREX VM, SASM Assembler, VS Code
    extension, and documentation. Passionate about system software, virtual
    machines, and custom tooling.
```

```
<figure markdown="span">
    ![Image](assets/credits.png)
    <figcaption>Active Maintainers/Creators</figcaption>
</figure>
```

👥 About the Creators

VIREX (VIRtual EXecuter) is a clean-room virtual machine built with clarity, extensibility, and education in mind. The project is maintained by two core developers who each own a unique layer of the system.

```
=== "Soham Metha"
    ![Soham's Avatar]
    (https://www.gravatar.com/avatar/00000000000000000000000000000000?
    d=mp&f=y){ width="120px" style="border-radius: 50%;"}

    **Role**: `Lead Developer`
    **Modules Owned**: VIREX VM, SASM Assembler, VS Code Extension, Docs
    **GitHub**: [@sohammetha](https://github.com/sohammetha)

    []
    (https://en.wikipedia.org/wiki/C_(programming_language))
    []()
    []()

    > *"VIREX is a hands-on way to explore systems programming, not just
    study it."*
```

```
=== "Omkar Jagtap"
    ![Omkar's Avatar]
    (https://www.gravatar.com/avatar/00000000000000000000000000000000?
    d=mp&f=y){ width="120px" style="border-radius: 50%;"}

    **Role**: `Compiler Engineer - ORIN`
    **Modules Owned**: ORIN Compiler (WIP)
    **GitHub**: [@friendusername](https://github.com/friendusername)
```

```
    [![]](https://img.shields.io/badge/Language-C++-brightgreen)]
(https://en.wikipedia.org/wiki/C%2B%2B)
    [![]](https://img.shields.io/badge/Compiler-ORIN-orange)]()
    [![]](https://img.shields.io/badge/Target-SASM-lightgrey)]()

    > *"ORIN aims to make high-level programming compatible with low-
level control."*
```

🛠️ Tech Stack Highlights

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[![]](https://img.shields.io/badge/Virtual%20Machine-VIREX-blue)]() [![]
(https://img.shields.io/badge/Assembly%20Language-SASM-critical)]() [!
](https://img.shields.io/badge/Compiler-ORIN-orange)]()
[![]](https://img.shields.io/badge/Editor%20Support-VS%20Code-007ACC?
logo=visual-studio-code&logoColor=white)]()
[![]](https://img.shields.io/badge/License-GPL3-green)]()
```

📬 Contact & Community

```
- GitHub: [github.com/sohammetha/virex]
(https://github.com/sohammetha/virex)
- Interested in contributing? Check out [CONTRIBUTING.md]
(../CONTRIBUTING.md)
```

VIREX is open. Hackable. Minimal. Built for builders.

References

```
- [Tsoding](https://www.youtube.com/playlist?list=PLpM-
Dvs8t0VY73ytTCQqgvgCWttV3m8LM)
- [Dr Birch](https://www.youtube.com/@dr-Jonas-Birch)
- [Low Byte Productions](https://www.youtube.com/playlist?
list=PLP29wDx6QmW5DdwpdwHCRJsEubS5NrQ9b)
- [Cobb Coding](https://www.youtube.com/playlist?
list=PLRnI_2_ZWhxCxHQ_3zDfW0-RgiWo8ftyj)
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