

# Amar Lakshya, BSc. IT

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*‘A Chemical Computer computing on Digital Computers’*

## Projects & Contributions

C/ASM	<p><u>FOS - MADE TO BE OPEN</u> : <a href="https://github.com/amar-laksh/fOS">github.com/amar-laksh/fOS</a></p> <ul style="list-style-type: none"><li>• A Monolithic UNIX-like Kernel for the x86 and ARM (Raspberry Pi) platforms.</li><li>• ELF Parsing(with kernel parsing), PCI, Serial (ARM), Western Notes for PC Beeper and System Calls.</li><li>• Fully Functional Support for GPIO Pins (ARM) wrapped as Arduino-compatible functions.</li></ul>
Python	<p><u>VITAE</u> : <a href="https://github.com/amar-laksh/vitae">github.com/amar-laksh/vitae</a></p> <ul style="list-style-type: none"><li>• An Esoteric, Interpreted python-built language built entirely with regular expressions.</li></ul>
JavaScript	<p><u>REPLAYCER</u> : <a href="https://addons.mozilla.org/en-US/firefox/addon/replaycer">addons.mozilla.org/en-US/firefox/addon/replaycer</a></p> <ul style="list-style-type: none"><li>• A fun Browser Add-on to replace content on the web.</li></ul>
C++	<p><u>CACHE PATCH (CORE), MOZILLA CONTRIBUTION</u> : <a href="#">git log   grep amar on codebase</a></p> <ul style="list-style-type: none"><li>• Worked on patching cache entries that expire immediately</li></ul>
Python/Rust	<p><u>FOCUS TV</u> : <a href="https://github.com/amar-laksh/focustv">github.com/amar-laksh/focustv</a></p> <ul style="list-style-type: none"><li>• An extremely responsive face detection system which automatically pauses Media(YouTube and VLC Media Player) when you aren't looking.</li></ul>
Bash/Python	<p><u>TRYINGTOKNOWYOUT BETTER</u> : <a href="https://github.com/amar-laksh/TryinToKnowYouBetter">github.com/amar-laksh/TryinToKnowYouBetter</a></p> <ul style="list-style-type: none"><li>• The Election Commission's website leaks data that can be analyzed to effectively locate all registered voters.</li></ul>
English	<p><u>BEYOND GOOD AND EVIL</u> : <a href="https://amar-laksh.github.io/beyond-good-and-evil">amar-laksh.github.io/beyond-good-and-evil</a></p> <ul style="list-style-type: none"><li>• A paper focusing on the futility of recognizing Good and Evil as deterministic forces in the world.</li></ul>
English	<p><u>CROSSED &amp; KNOTTED - INDIA'S FIRST COMPOSITE NOVEL</u> : <a href="https://www.amazon.in/Crossed-Knotted-Various-Authors/dp/8192997529">www.amazon.in/Crossed-Knotted-Various-Authors/dp/8192997529</a></p> <ul style="list-style-type: none"><li>• Co-Author of India's First Composite Novel</li></ul>

## Work Experience

July 2017 - Sept 2017 APOGEE TECH GLOBAL INC.  
Junior Developer (Linux)  
Bangalore

## References

Ms. Lydia Fernandes  
St. Xaviers' College, Mumbai - Autonomous  
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## Education

**BSc. I.T., 3.26/4.00** - 2014-2017  
St. Xaviers College, Mumbai - Autonomous

**12th, 81.00%** - 2013-2014  
St. Peters' College, Agra

**10th, 86.00%** - 2011-2012  
St. Peters' College, Agra