

Amar Lakshya

 Mobile








 GitHub

 Blog

 Email

“A Chemical Computer computing on Digital Computers”



Projects & Contributions

Jan 2023	<u>NEOTEST-CATCH2</u> : <ul style="list-style-type: none">A catch2 test adapter for the Neovim text editor.	
Apr 2020	<u>LOGI'S CIRCLE OF SECURITY</u> : <ul style="list-style-type: none">A penetration test conducted on Logitech's Circle camera.	
Oct 2019	<u>FOS - MADE TO BE OPEN</u> : <ul style="list-style-type: none">A Monolithic UNIX-like Kernel for the x86 and ARM (Raspberry Pi) platforms with ELF Parsing, PCI, Serial (ARM), Western Notes for PC Beeper and System Calls.	
Sep 2018	<u>CACHE PATCHES (CORE), MOZILLA CONTRIBUTION</u> : <ul style="list-style-type: none">Patches to the cache entries that expire immediately in the Cache core of Mozilla codebase.	
Mar 2017	<u>STUDY OF CAPTCHAS</u> : <ul style="list-style-type: none">A study of CAPTCHA systems present on The Election Commission Of India's websites across all the states in India.	

Work Experience

Feb 2022 - Present	<u>SOFTWARE ENGINEER (MEDIA):</u> Veracity (Manchester, UK - Remote) <ul style="list-style-type: none">Working on Network Video Recording systems using C++20, ffmpeg, and linux.Handling of Real time streaming operations using Boost asio.
Sep 2020 - Feb 2022	<u>SOFTWARE ENGINEER:</u> Sky Drones (Birmingham, UK - Remote) <ul style="list-style-type: none">Worked on drone brains using C++14, Python, Bash, Travis, and Qt5.
Sep 2018 - Feb 2019	<u>SYSTEMS ENGINEER (LEAD):</u> Nymble Labs (Bangalore, India) <ul style="list-style-type: none">Revamped the entire software architecture to produce reliable, clean OOP code.Implemented the next iteration of the product using C++ 14, ROS2 and Qt5.

Publications & Certifications

Aug 2019	<u>COMPTIA SECURITY+ CERTIFICATION</u> : <ul style="list-style-type: none">Earners of the CompTIA Security+ certification have the knowledge and skills necessary to perform core security functions required of any cybersecurity role.	
Jan 2015	<u>CROSSED & KNOTTED</u> : <ul style="list-style-type: none">Co-Author of India's First Composite Novel - written in collaboration with 12 Authors.	

Education & Skills

Sep 2019 - Sep 2020	<u>MSC. CYBER SECURITY</u> University Of Birmingham, UK <i>Distinction</i>
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Jul 2014 - Jul 2017	<u>BSC. INFORMATION TECHNOLOGY</u> St. Xaviers College, India <i>First Class</i>
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PROGRAMMING LANGUAGES:



OPERATING SYSTEMS:



APPLICATIONS & FRAMEWORKS:



DATABASES:

