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| Muhammad Hassan Raza | +92 335 0706014   [RaiHassanRaza10@gmail.com](mailto:RaiHassanRaza10@gmail.com)   [hassanraza22](https://www.linkedin.com/in/hassanraza22/)   [M-Hassan-Raza](https://github.com/M-Hassan-Raza)   [HassansJourney.com](https://hassansjourney.wordpress.com/)   Lahore, Pakistan  |

I am an avid believer in self-learning as well as breaking things. It’s my preference to sit down with a problem and try to dissect it while listening to lots of music. I’m always looking forward to a challenge, rather than becoming complacent with solving easier problems.

SKILLS

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| * Advanced C++ * Advanced Java | * Advanced Git * Intermediate Python | * Intermediate JavaScript * Intermediate ReactJS |

Education

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| Graduating 2024 | **Software Engineering**, FAST-NUCES – Lahore CGPA: 3.18   * Assistant Vice President, SOFTEC * 3rd Place at NaSCon’22 Code Studio Competition * 4th Place at NaSCon’23 UI/UX Competition * Teaching Assistant for Introduction to Software Engineering * Campus Ambassador for Cogent Labs * VIP Management Team Lead FutureFest’23 |
| A-Levels | **Computer Science**, Beaconhouse, ALJT – Lahore   * 1B, 3C; Medical Treatment during exams * Shaukat Khanum Volunteer, Member Speech Society |
| O-Levels | **Computer Science**, Sharif Education Complex – Lahore   * 4A\*, 4A * 2 speech competitions, 1 poetry contest winner * Highest Achiever Shield of Excellence |

Projects

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| [ Chat Application](https://github.com/M-Hassan-Raza/ChatFRF) | Using MongoDB (Mongoose), ExpressJS, ReactJS, and NodeJS |
| [ Image OCR](https://github.com/M-Hassan-Raza/ImageOCR) | Using Tkinter and Pytesseract to create snapshots and export transcripts |
| [ Linear Model Solver](https://github.com/M-Hassan-Raza/Operations_Research_Project) | Using CustomTkinter and PuLP to find optimal values and slack |
| [ Image Editor](https://github.com/M-Hassan-Raza/PGMImageEditor) | Mean/Median, Translate, Scale, Transform, Quantization, Derivation |
| [ Weather App](https://github.com/M-Hassan-Raza/WeatherApp) | Using Tkinter and OWM API to display temperatures, Sunrise, Windspeed |
| [ Notepad App](https://github.com/M-Hassan-Raza/JavaNotepad) | Using Swing toolkit to Load/Create/Save text files |

References

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| * Dr. Zeeshan Ali Rana   Assistant Professor  [zeeshan.rana@nu.edu.pk](mailto:zeeshan.rana@nu.edu.pk) | * Mr. Jawad Khalid   Lecturer  [jawad.khalid@nu.edu.pk](mailto:jawad.khalid@nu.edu.pk) | * Mr. Saifullah Tanvir   Lecturer  [saifullah.tanvir@nu.edu.pk](mailto:saifullah.tanvir@nu.edu.pk) |