



Muhammad Hassan Raza

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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

- Advanced Java
- Advanced Git & GitHub
- Intermediate JavaScript
- Intermediate GCP
- Intermediate Python
- Intermediate Flask

Education

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| Graduating 2024 | Software Engineering , FAST-NUCES – Lahore | CGPA: 3.14 |
| | <ul style="list-style-type: none">SE Intern at Arrivy, Inc. Replaced Calamari with In-house solution, saved ~150,000 PKR per month on subscription costsVice President, SOFTEC3rd Place at NaSCon'22 Code Studio Competition4th Place at NaSCon'23 UI/UX CompetitionTeaching Assistant for Introduction to Software EngineeringCampus Ambassador for Cogent LabsVIP Management Team Lead FutureFest'23 | |
| A-Levels | Computer Science , Beaconhouse, ALJT – Lahore | |
| | <ul style="list-style-type: none">1B, 3C; Medical Treatment during examsShaukat Khanum Volunteer, Member Speech Society | |
| O-Levels | Computer Science , Sharif Education Complex – Lahore | |
| | <ul style="list-style-type: none">4A*, 4A2 speech competitions, 1 poetry contest winnerHighest Achiever Shield of Excellence | |

Projects

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| Chat Application | Using MongoDB (Mongoose), ExpressJS, ReactJS, and NodeJS |
| Image OCR | Using Tkinter and Pytesseract to create snapshots and export transcripts |
| Linear Model Solver | Using CustomTkinter and PuLP to find optimal values and slack |
| Image Editor | Mean/Median, Translate, Scale, Transform, Quantization, Derivation |
| Employee Management | Using Flask, GCP's BigQuery, Cloud Run, Cloud Scheduler to manage employees' functions, such as Check-In, Check-Out, Leave Application, Leave approval/Rejection |

References

- Dr. Zeeshan Ali Rana
Assistant Professor
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- Mr. Jawad Khalid
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- Mr. Saifullah Tanvir
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