

Raghav

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EXPERIENCE

- **Application Developer, IBM** Nov, 2023 - Current
Safexpress Project.
Created Apex triggers, Flows, Batches etc as per business requirements.
- **Business Analyst, Udaan.com** Jan, 2022 - Jul, 2022
Improvished retention analysing workflow.
Applied various statistical techniques like A-B testing, Bayesian statistics.

PROJECTS

- **graby crate**
A simple implementation of grep in rust and published on crates.io
- **Micro-ElectroMechanical Systems (MEMS) based piezoresistive pressure sensor**
A silicon diaphragm based piezoresistive pressure sensor.
- **Programmable Photonic Integrated Circuits**
Designed 8×8 MZI based triangular multiport interferometer.
- **NASA Space App Challenge 2022**
Analysed the seismic waves on moon data collected during NASA's Apollo missions to classify various moonquakes.
- **Bolt meets Quantum**
Simulated Superdense Coding quantum protocol on Bolt Internet Of Things wi-fi module.

AWARDS

- **Semi-Finalist at Hyundai Social Creator-2021** Mar, 2022
One of the top 25 ideas among the 530 ideas submitted nationwide.

EDUCATION

- **National Institute of Technology(NIT) Kurukshetra, India** Jul, 2019 - Jun, 2023
Bachelor of Technology (B.Tech), ECE CGPA: 7.9451

KEY SKILLS

- **Programming:** Python3, Bash, SQL, C, Verilog, Rust, Qiskit, \LaTeX , Apex, HTML, CSS, JS. **Software:** Salesforce, Jupyter notebooks, Iverilog, Git, VsCode, Nano, Vim. **Hardware:** Arduino UNO, Bolt IOT wi-fi Module. **Technological Domains:** Quantum Computing, Machine Learning, Internet of Things, Penetration Testing, Integrated Photonics.

CERTIFICATIONS

- **Salesforce Certified AI Associate** Jan, 2024
Issued by Salesforce
- **Practical Introduction to Quantum-Safe Cryptography** Dec, 2023
Issued by IBM
- **Qiskit Global Summer School 2023 - Quantum Excellence** Sep, 2023
Issued by IBM
- **Take your first steps with Rust** Aug, 2023
Issued by Microsoft

- **Deep Learning with Tensorflow**
Issued by IBM Skills Build *Jun, 2023*
- **Penetration Testing and Ethical Hacking**
Issued by Cybrary *Mar, 2023*
- **Google IT Automation with Python**
Issued by Coursera & Google *Jul, 2022*
- **Google Data Analytics**
Issued by Coursera & Google *Jun, 2022*
- **VLSI SoC Design using Verilog HDL**
Issued by Maven Silicon *Jun, 2022*