

Gulshan Kumar Sharma

Software Engineer

Strong in design and integration with intuitive problem-solving skills. Proficient in C++ Python, JavaScript. Ability to translate business requirements into technical solutions.

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EXPERIENCE

CDAC - ATC (Netparam Technologies Pvt. Ltd.) , Jaipur

Member of Technical Staff

Feb 2021 – Jun 2021

- Developed a deep learning computer imaging API for native Desktop applications and Developed cross platform application on flutter,Python.
- Developed an analysis systems to extract information from large scale data.
- Collaborated in team of 7 developers to create back-end for 3 apps.
- Created Token based front-end application using Flask and flutter for authentication.

POLO (Tummo Lab), Mumbai

Backend Developer (Remote)

Aug 2020 – Dec 2020

- Designed an application on Flask to handle requests at a load of 400 requests per minute.
- Deployed full stack serverless applications on AWS for remote access for internal use.

DBT-Bioinformatics Infrastructure Facilities , Jaipur

Research Intern

Jul 2019 – Jul 2020

- Developed a highly scalable deep learning driven computer imaging algorithms for embedded and mobile platforms and achieved 86% accuracy .
- Deployed a spark cluster on private cloud network using distributed system that increased, node searching 100 times faster in 18M nodes.
- Led two projects "Travel of Phylogeny Tree " and "Chestx".

CCT, University of Rajasthan, Jaipur

Software Engineer Intern

Mar 2018 - Aug 2018

- Increased web traffic 125% by improving navigation, creating dynamic media sections, introducing virtual tours and adding social media plugins.
- Designed processes for cleanup and performance that minimized downtime by 13%.

PROJECTS

- **Pneumonia detection.** Built a neural network that classify pneumonia in chest X-ray, achieved 83.6% accuracy. **Tensorflow, Python, Flask**
- **User-authentication system.** It generate a token and stores them in local storage with user information. **Node.js, express, JWT, MongoDB, Passport**

SKILLS

- **Languages:** Python, JavaScript, C++, Java, Dart
- **Libraries:**TensorFlow, Git, Keras, Scikit-Learn, Numpy, Pandas, Spark (prior), SystemML, GraphQL
- **Databases :** Sql, MongoDB, Neo4j(graph database)
- **Frameworks :** Node.js, Flask,Flutter
- **Server/OS :** RHEL, Windows, Linux

EDUCATION

University of Rajasthan, Jaipur

Aug 2015 - May 2020

- **Integrated Master of Technology** in Information and Communication Technology and minor Cognitive - Neuroscience
Cumulative GPA: 4.76/6.0

ACHIEVEMENTS

- Won **2nd** place out of **50** at MLH localhost Hackathon, **JECRC** University 2018.
- Selected for 2 day workshop at **Indian Statistical Institute, Kolkata 2019 out of 10000 students.**
- Attended **Microsoft Azure** workshop at **IIIT , Kota 2019**
- Placed **7th** out of **60** at **LNM hacks3.0** sponsored by **Github:** Campus Edition at **LNMIT, Jaipur 2018.**

RELEVANT COURSEWORK

Object-oriented design, Machine Learning architectures, Probability and Statistics, System Design, Data Science

SOFT SKILLS

Agile, Adaptivity, Problem Solving, Fast learner, Collaborative, Abstractive, Accountability