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Jaipur , IN

Manish Sharma
Senior Software Engineer

SUMMARY

Technical Enthusiast, always open to explore and learn from new opportunity. Willingness to help a team member in need. Committed to all the tasks, duties or project assigned.

SKILLS

- **Programming languages:** Python, Powershell, Bash, C++
- **Developer Tools:** Git, Docker, Google Cloud, VS Code, Blue Prism, UiPath
- **Data Processing:** MySQL, Machine Learning, Deep Learning, Tableau, Tensorflow, OpenCV, Microsoft Excel
- **Interpersonal**: Leasdership, Public Speaking, Project Management

CERTIFICATIONS

- **AI Fundamentals**| Microsoft
- **Machine Learning by Andrew Ng** | Coursera
- **Deep Learning by Andrew Ng** | Coursera

Achievements

- Project (All Weather Jacket) got published in **Times of India** for most **innovative** project in reducing need of AC's/Heaters (2018)
- **Frugal Innovation** Award for best innovative project with least budget for All Weather Jacket in intra college competition Design Practicum (2018)

ADDITIONAL INFORMATION

- **Interests:** Chess, Cricket, Football, Hockey

EDUCATION

B.Tech. in Electrical Engineering with Minor in Management   Aug '16 - Jun '20

Indian Institute of Technology, Mandi   H.P., IN

- **CGPA: 8.22**

Professional Experience

Senior Software Engineer   Aug '21 - Present

Larsen & Toubro Infotech   Bangalore, IN

Application Development & Software Testing

- Developed and Deployed an automation pipelining solution for application Scheduling Reports
- Accomplished FTE savings of **1.00** in the span of only 1.5 months

Graduate Engineer Trainee   Aug '20 - Jul '21

Larsen & Toubro Infotech   Bangalore, IN

Application Development & Software Testing

- Created **AI Enabled** Sales Account Platform for Account Managers
- Achieved easy access to **insights** and personalized front-end view for individual users

IT Training

- Finished the training on fundamentals & Essentials of IT
- Trained in various programming languages such as **Powershell**, **Bash**, **Python**

Software Engineer - Internship   Dec '18 - Feb '19

Truminds Software systems Pvt. ltd   Gurugram, IN

- Implemented **SIP** redirection application that redirects SIP calls to different IP's connecting through Drachtio server
- Executed Bandwidth control of specified users using **iptables** & **ebtables**
- Applied Password Encryption using **MD5, ECC, FFC** algorithms to increase network security

KEY PROJECTS

- **Handwriting Translator | Python, Deep Learning**
  - Deep Learning-Based Approach using machine translation and handwriting recognition models to translate handwritten text
  - Achieving **73%** accuracy on a dataset of **5,000** images
- **Generative and Classification Model | Python, DL, Tensorflow**
  - Built a model to generate images of dogs using the deep convolutional generative adversarial network
  - Evaluated the model on the ability to generate images that could be classified into dog breeds using a different discriminative model
  - Achieving **88%** accuracy on a dataset of **10,000** images
- **Automatic Attendance System | Python, Keras, OpenCV**
  - Built a system that automatically marks student's attendance using Real-time face recognition and identification
  - Achieving **98%** accuracy on a dataset of **2,000** images
- **Robotronics Club Inventory Management System | Python, SQL, HTML, CSS**
  - Created an mobile app for managing Robotronics club equipment
  - Implemented **Elastic Search** for analyzing big volumes of data quickly
- **All-Weather Jacket | Temp. Sensor, Bluetooth Module**
  - Designed a Jacket that keeps the body cool during summers and heated during winters
  - Temperature can be varied from 21°C to 28°C through an Android App