

# LOVESH SHARMA

Software Developer

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**LinkedIn | Portfolio | GitHub**

## TECHNICAL SKILLS

<b>Programming Languages:</b>	Python, SQL, C++, JavaScript, Apex
<b>Libraries/Frameworks:</b>	Node.js, Express, React, Next.js, Socket.io, Pandas, NumPy, Scikit-learn, TensorFlow
<b>Tools/Platforms:</b>	VScode, Anaconda, Jupyter Notebook, Google Collab, BigQuery, Tableau, Selenium, Power BI, CRM
<b>Databases:</b>	MySQL, PostgreSQL, MongoDB, SQLite

## WORK EXPERIENCE

### VoicePe | AI/ML Engineer

Gurugram, Haryana | Nov 2023 - Present

Designed and deployed the in-house version of an AI-driven invoicing product, optimizing performance for real-world use cases.

Utilized **Sklearn**, **Selenium**, **Numpy**, **Pandas**, and **Python** to build the core ML algorithms powering the voice assistant.

Integrated **OpenAI Whisper** for speech-to-text functionality, enabling accurate voice commands for invoicing tasks.

Ensured scalability and real-time performance by tuning models and backend services, allowing for quick responses to user voice commands.

### Softraw It solutions pvt. ltd. | Software Developer

Jaipur, Rajasthan

Conducted data analysis to identify trends and improve business decision-making.

Developed dashboards and reports to support data-driven strategies.

Streamlined data processing and reporting, enhancing team efficiency.

### GoMedicx.io | Frontend Developer

Jaipur, Rajasthan

Developed responsive UIs using React with component-based architecture for scalability.

Utilized Tailwind CSS for clean and professional UI design.

Built patient registration, appointment scheduling, and medical records management modules.

Implemented secure authentication and authorization features.

### Celebal Technologies | Cloud Engineer

Jaipur, Rajasthan

Assisted in cloud infrastructure setup and configuration for client projects.

Gained experience with cloud services, enhancing knowledge of deployment and scalability.

Performed security audits to ensure cloud compliance with industry standards.

## PROJECTS / OPEN SOURCE

### PAPL

Tech Stack: **React**, **Google Maps API**, **Socket.IO**, **Node.js**

Developed a real-time vehicle tracking system for over 450 vehicles.

Used React and Google Maps API for dynamic UI and vehicle location tracking.

Implemented Socket.IO for real-time communication between server and clients.

### Emotion Detection

Tech Stack: **Python**, **TensorFlow**, **OpenCV**, **CNN**, **Transfer Learning**

Built a system to detect emotions like happy, sad, and angry using deep learning.

Used TensorFlow and Keras for a Convolutional Neural Network (CNN) model.

Applied data augmentation techniques like rotation, zoom, and flipping to enhance the dataset.

## EDUCATION

### Global Institute of Technology

Bachelor of Technology (Computer Science)

Jaipur, Rajasthan

July 2023