

# Arjoneel Ghosh

Gurgaon, Delhi ✉ arjoneelghosh03@gmail.com

☎ +91 9560014969 🌐 yourwebsite.com in yourusername 📄 yourusername

## Education

**SRM Institute of Science and Technology**

Aug 2022 – May 2026

*B.Tech • Computer Science and Engineering • Kattankulathur, Chennai*

## Technical Skills

**Languages:** Python, JavaScript, TypeScript, SQL, C++, C, Java

**Web and Backend:** React, Node.js, Express.js, Flask, Next.js, Tailwind CSS, Styled Components, Vite

**Databases and Cloud:** PostgreSQL, MongoDB, Firebase, AWS (EC2, S3)

**Tools and DevOps:** Git, Terraform, Ansible, ServiceNow (CSA, CAD Certified)

**Data Science and ML:** Pandas, Scikit-learn, Matplotlib, Seaborn, Apache Kafka, NLP, DIP

**Conversational AI:** Dialogflow, Rasa, GPT-4 Turbo

## Work Experience

**KPMG**

Dec 2024 – Feb 2025

*Data Analyst Intern*

- Worked on government consulting projects focused on data-driven policy insights.
- Developed a forecasting tool replicating key features of Rattle using Python for predictive modeling and analysis.
- Contributed to a Rainfall–Agriculture Impact Mapping project for an Indian state to assess crop yield sensitivity to seasonal rainfall.
- Experience: 3 months ([certificate](#) 📄)

## Projects

**LoanOne Chatbot**

[link](#) 📄

- Built a multilingual financial chatbot for loan assistance; Top 15 in Standard Chartered Hackathon.
- Tools: Python, React, Tailwind CSS, Rasa, Natural Language Processing (NLP), Digital Image Processing (DIP)

**Agriculture Forecasting – Telangana**

[link](#) 📄

- Forecasted crop yields using seasonal rainfall data to promote sustainable agriculture (SDG 12).
- Tools: Python, SQL, XGBoost, Matplotlib, React

**Sales Forecasting Tool**

[link](#) 📄

- Built a Streamlit app to predict sales using ARIMA and Facebook Prophet.
- Tools: Python, Pandas, AutoARIMA, Facebook Prophet

**SecuraPay – Offline Payments**

[link](#) 📄

- Enabled secure P2P money transfers via encrypted QR codes without internet access.
- Tools: Encrypted QR, Secure Local Storage, Symmetric Encryption, Node.js, Python, PostgreSQL

**Web App Clones + Deep Learning**

[link](#) 📄

- Built full-stack clones of Netflix/Spotify and modeled user behavior with deep learning.
- Tools: React, Node.js, Tailwind CSS, PostgreSQL

## Certificates

- **AWS Academy** - Machine Learning
- **MatlabWorks** - Deep Learning
- **MatlabWorks** - Digital Image Processing
- **Data Analysis with Pandas and Python** by Boris Paskhaver
- **ISRO Online Course** - Geo-data sharing and Cyber Security
- **ServiceNow** - Administration Fundamentals

## About Me

---

Passionate and goal-oriented Computer Science Engineering student with a strong foundation in software development, data structures, and algorithms. Currently pursuing an AWS-recognized four-tier machine learning specialization to build industry-ready skills in artificial intelligence and machine learning. Driven to leverage technology and problem-solving abilities to deliver innovative solutions.

Hands-on experience in data analytics and machine learning gained during an internship at KPMG, which involved working on real-world government projects. I'm a Certified ServiceNow Administrator with practical knowledge of IT service management and workflow automation.

Actively seeking opportunities to contribute to impactful AI/ML projects and continue growing as a well-rounded technology professional.

## Volunteering & Leadership

---

- Volunteered at Good Life Center, Mannivakkam (Chennai); awarded service certificate for community outreach.
- Served in the Directorate of Student Affairs for 2 years, organizing student events and supporting admin efforts.
- Member of the college's MUN Society for 3 years; participated in diplomacy simulations and event coordination.

## Interests

---

- Keeping up with global world affairs and Indian current affairs
- Swimming, playing football, cricket, and chess