

Palash Shah

✉ shahpalash10@gmail.com | ✉ shahpalash11@gmail.com | 📞 +91 9701564180
🐙 github | 🔗 linkedin

Education

SRM Institute Of Science and Technology

Expected graduation date: Jun. 2026

B.Tech in Computer Science and Technology | [My Portfolio](#)

GPA: 9.64

Relevant Courses: Web Software Construction (JavaScript), Maths and Data Science (Python), OOP (C++), Machine Learning and AI, Algorithms and Data Structures I and II (C++)

Experience

AccQSure

Dec 2024 - March 2025

AI Research Intern

- Designed a complete data preprocessing pipeline for fine-tuning a Llama, ensuring the fine-tuned model can accurately answer queries based on the processed data

Aerospace Laboratories SRM

Sep. 2023

Machine Learning Fellow

Python, Flask, HTML, Git, GitHub, Docker, Pytorch

- Developed several ship detection models using yolo based models. Changed architecture to create a custom detection model to better detection accuracy.

Samsung India

Mar. 2024 - Feb 2025

Samsung Prism Intern

- Created a custom RCNN on the stainer-V2 architecture to detect stairs with end to end precision. Developed an app to integrate the model to a ToF sensor for further sustainability.

Projects

LingoFlow

Jul. 2023 - Ongoing

Personalized and secure Language translation Model

Python, JavaScript, HTML, Flask, Bootstrap, Git

- Leveraged RNN's to create a LSTM model with encoding vectors, target sequencing and then using a decoder to produce the next character .
- Created a pipeline integration to a dedicated website access with Flask.

Agamoto

Sep. 2022

Deepfake Detection Model

Python

- Created a custom CNN on keras
- Successfully classified 6 types of deepfakes using MTCNN to first extract faces from videos and images and then leveraged Resnet to classify making it compatible to video and image files.

ApplyMate

March. 2025

One Stop Solution For All Your Job Applications.

Typescript, JS

- Developed an end-to-end software platform for job seekers, featuring AI-powered resume building, automated application submission, and personalized skill recommendations.
- Conducted a pilot with 100 students, achieving highly positive feedback and validating the product's effectiveness. Expected to roll out this summer.

LINK – Dating Through Your Instagram Network

Ongoing

Reimagining Online Dating Through Trusted Social Connections.

React.js, TypeScript, D3.js, Supabase, SQL

- Building a dating platform that connects users through verified mutual Instagram connections, enhancing trust and meaningful engagement.
- Developed core services for social graph analysis, mutual connection scoring, real-time network visualizations, and secure authentication.

Research

Maritime Surveillance

Oct. 2023 - Sept. 2024

Co-Author

- Co Authored a paper on maritime detection with OCR accepted and published in the ICECA conference

Co-Author

- Co Authored a paper on Heuristic Aggregation Function in Federated Learning awaiting approval from NeurIPS.

Skills

Languages:

Python, Java , R, C++, SQL, HTML, JavaScript, C

Technologies & Tools:

VS, Linux, Docker, Postman

Certifications:

Stanford Machine Learning Specialisation. Nvidia Machine Learning Specialisation