

# Srijit Das

[github.com/Srijit](https://github.com/Srijit)
[linkedin.com/in/srijit-das](https://www.linkedin.com/in/srijit-das)
[srijitd248@gmail.com](mailto:srijitd248@gmail.com)
[+91 7384662005](tel:+917384662005)





## EDUCATION

<b>College/University</b>	September 2024
<i>B.E. Computer Science and Engineering</i>	<i>Current SGPA: 8.65/10.0</i>
<b>Dayananda Sagar College of Engineering</b>	2024 - 2028

## SKILLS

**Languages:** C/C++, Python  
**Frameworks and Libraries:** Numpy, Matplotlib, Flask, TensorFlow, PyTorch, Scikit-learn, Kornia, React, Node.js  
**Tools:** Git/GitHub, VS Code, Anaconda, Jupyter Notebook, Docker  
**Competitive programming:** Leetcode- 1569

## PROJECTS

- Mar-Eye** | *TensorFlow, matplotlib, streamlit, Keras, Google Colab, scikit learn*  October 2025
- **CNN** for underwater raw image enhancement, trained **YOLO** multi-class detection (**submarines, mines, divers**)
  - **App Router** with **RESTful API** routes, **model inference**, MongoDB data storage, **JWT authentication**, OTP verification
  - **TensorRT** quantization for **NVIDIA Jetson** devices, **ONNX Runtime** for cross-platform inference for **AUV/ROV** deployment with low-latency maritime security operations
  - Link: [mareye-sih.onrender.com](https://mareye-sih.onrender.com)
- Web3-Crowdfunding** | *Solidity, Typescript, Javascript, Metamask*  September 2025
- A **CrowdfundingFactory** deploys individual **Crowdfunding contracts**, using a factory pattern to reduce **gas costs**.
  - Backers send **ETH (Sepolia)** to **campaign contracts**, funds are held in **escrow** till the **funding goal** is met.
  - Owners use the **onlyOwner** modifier for **tier management**; failed campaigns can reclaim contributions, executed on-chain through immutable **smart contracts**.
- Oceanova** | *Jupyter Notebook, TypeScript, Python, React*  September 2025
- Collaborated within a team to engineer a comprehensive platform to revolutionize marine conservation, featuring species identification from images, real-time ocean contamination monitoring, and gene sequence analysis.
  - Worked with the team to integrate an AI assistant for instant query resolution and an ocean data explorer for detailed environmental parameters
  - Integrated the python based model using flask wrapper so that the python based model doesn't get exposed
- LiquidPay** | *TypeScript, Python, React*  April 2025
- Built an AI-powered personal finance app that analyzes spending habits, generates personalized saving goals, and rewards users with token incentives — full-stack implementation (TypeScript/Next.js frontend + Python ML backend).
  - Developed and integrated ML modules to model user spending behavior and generate automated goal recommendations, enabling behavior-modification workflows.
  - Implemented a modular, componentized frontend using TypeScript and Tailwind (Next.js project structure), and maintained the project through an active commit history.

## ACHIEVEMENTS

- **Hacktoberfest 2025:** Cleared the event with 6 accepted PRs across multiple repositories.
- **Felicity hackathon:** Selected as one of 15 finalist teams out of 200+ entrants at the Felicity Hackathon
- **Cleared SIH Internal Round, DSCE:** Developed a CNN for underwater image enhancement (2025)
- **BruteForce: 1st Runner Up,** built an automated admin mapped pet servicing platform (2025)
- **Cosmys ML Kaggle hackathon:** In 3rd Round [continuing], CNN voice classifier trained on VM GPU
- **Instruo'13:** Secured the 2nd Rank at IEST Shibpur