

# Srinivas Shanti

Software Engineer

Email: [srinivasshanti10@gmail.com](mailto:srinivasshanti10@gmail.com) | Phone: (+91) [9632956710](tel:9632956710)

[LinkedIn](#) | [Portfolio Website](#) | [GitHub](#)

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## Objective:

As a determined and eager learner with a year of experience and a degree in Information Science Engineering, I am passionate about technology and development. I aim to showcase my skills, explore new possibilities, and achieve overall growth in my career.

## Educational Qualification:

Bachelor of Engineering in Information Science

NMAM Institute of Technology, Udupi

July 2019 – July 2023

CGPA: 8.59

## Professional Experience:

- Software Engineer at NIDEC Advance Technology India [ 1st May 2024 - Present]
- Software Engineer at NIDEC Center of Excellence [Aug 2023 – April 2024]
  - Led server management and deployment processes, ensuring smooth operation and uptime of web applications.
  - Resolved critical issues, including website crashes, through rapid troubleshooting and effective solutions.
  - Played a key role in front-end development, from implementing new features to resolving bugs and enhancing user interface.
  - Utilized technologies such as Jenkins for continuous integration, Django for backend development, Jira for project management, and GitHub for version control.
  - Received hands-on training in hosting and maintaining website servers, enhancing technical expertise in server administration.
  - Collaborated with team members to develop and integrate new functionalities, contributing to overall project success.
- Software Engineer Intern at NIDEC Center of Excellence [May 2023 – July 2023]
  - Studied and understood various machine learning algorithms to support project needs.
  - Prepared and cleaned datasets for training purposes, ensuring high-quality data for model accuracy.
  - Developed software evaluation metrics from scratch to assess model performance.
  - Created and refined a decision-making algorithm, analyzing and updating it based on accuracy results.
  - Conducted web scraping to collect and curate data for machine learning models.

## Technical Skills:

- Programming Languages: Java, C++, Python,
- Front-end Web Development
- Jenkins
- UI/UX Design (Figma, AdobeXd)
- GitHub
- Jira

## Projects:

- Text to Image Synthesis using Generative Adversarial Network.
  - Developed a GAN-based model to generate unique design patterns from user input text, utilizing sunflower images and text data from the Oxford-102 flowers dataset. Implemented an encoder-decoder architecture, achieving an inception score of  $3.45 \pm 0.05$ . Created a user-friendly GUI for seamless interaction, reducing reliance on expensive designers and fostering creativity and innovation in the design sector.
  - Published in: 2023 2nd International Conference on Futuristic Technologies (INCOFT).
  - Publisher: IEEE | [Link](#)
- Library Management System.
  - Developed and implemented a system to mark the entry and exit of students in the college library.
  - Enhanced library management by accurately tracking student attendance.
  - Successfully deployed and used during May 2022 - January 2023, improving operational efficiency.
  - Received a letter of appreciation from the Head of the Department [Information Science] for this project.

## Extra Curriculum & Certifications:

- Specialization: From Data to Insights with Google Cloud
  - Exploring and Preparing your Data with BigQuery
  - Creating New BigQuery Datasets and Visualizing Insights
  - Achieving Advanced Insights with BigQuery
  - Applying Machine Learning to your Data with Google Cloud
- Figma UI UX Design Essentials Certification.
- Six Sigma Yellow Belt Professional
- Volunteering: Curriculum Writing (Team Everest NGO)
- Member of Technical Committee Incridea
  - Contributed in developing the official website for Incridea a college fest.
- Member of Digital Committee Incridea
  - Contributed in designing the posters for events conducted in Incridea a college fest.

## Language Proficiency:

- English
- Marathi
- Hindi
- Tulu

## Declaration:

I hereby declare that the above information is true to the best of my knowledge and belief.

Date: 30/06/2024

Place: Bengaluru

Srinivas Shanti