

# NAVEEN S

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## PROFESSIONAL SUMMARY

Software Developer in training with strong foundation in Java, Python, and SQL, along with hands-on experience in Basic Machine Learning, Web Development, and Data Visualization. Proven ability to build and deploy end-to-end projects, from java-based applications to responsive web platforms. I thrive in problem-solving, adaptability, and collaborative teamwork.

## TECHNICAL SKILLS

**Programming Languages:** Java, SQL, Python (OpenCV)

**Web Development:** HTML, CSS, Streamlit

**Machine Learning:** TensorFlow, Keras, Regression Modeling

**Data Handling & Visualization:** pandas, matplotlib, CSV processing

**Tools & Platforms:** Git/GitHub, MS Office, Cloud Basics, Canva

## PROJECTS

### AI Based Fitness Helper | Python, ResNet50, Streamlit

- Built a deep learning model using **transfer learning (ResNet50)** to estimate body fat percentage from user images.
- Deployed a **Streamlit web app** integrating a BMI calculator, personalized health tips, and dynamic visualizations.
- Streamlined image preprocessing and model inference pipelines to enhance prediction accuracy and response speed.

### Brick Breaker Game | Java Swing, AWT

- Developed an **interactive GUI-based arcade game** featuring real-time paddle control, ball mechanics, and collision physics.
- Implemented an **object-oriented design** for modularity and scalability of game logic.
- Added **local file handling** for game state persistence and independent execution across systems.

### Web Page for Events | HTML, CSS

- Designed and built a **responsive web page** for event registration with user login and team-based participation.
- Implemented structured layouts and visual hierarchy for **intuitive navigation and accessibility**.

## CERTIFICATIONS

- Completed **Salesforce Administrator** Virtual Internship.
- Cleared **NPTEL-Intellectual Property (Elite)**.

## EDUCATION

**B.E-Electronics and Communication** | K. Ramakrishnan College of Engineering, Trichy | **CGPA – 8.56**      2021-2025

**HSC** | Cauvery Global School, Trichy | Percentage - **90.4%**      2019-2020

**SSLC** | Sri Sivananda Balalaya, Trichy | Percentage - **89%**      2017-2018

## ACHIEVEMENTS

- **Winner** – Project Expo, Saranathan College of Engineering. (1<sup>st</sup> among 40+ Teams)
- **Winner** – Project Presentation, K. Ramakrishnan College of Engineering.

## LANGUAGES

English | Tamil | German (Elementary)