

ANUSHA SINGH

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My Portfolio Website | <https://www.linkedin.com/in/anushasingh-dev/>

SUMMARY

BTech graduate in Electronics and Telecommunication Engineering from SIT Pune (Class of 2025), with a minor in Artificial Intelligence and Machine Learning. Recently completed an internship at Newnop Technologies as a Software Development Intern, where I contributed to a live project using React.js. Experienced in machine learning, particularly ensemble models for pattern recognition using Python. My core focus has been on frontend development, building responsive and interactive user interfaces, while also gaining experience in backend development with Node.js/Express.js. I am currently expanding my skill set with the goal of becoming a full-stack developer.

SKILLS

- Technical Skills: Python, HTML, CSS, JavaScript, React.js, MySQL, Machine Learning, Data Structures & Algorithms, Git/GitHub
- Soft Skills: Communication, Teamwork, Problem Solving, Leadership, Time Management.

EDUCATION

- BTech. Electronics and Telecommunications Engineering | SIT, Pune (2021 - 2025)
- Specialization in Artificial Intelligence and Machine Learning (2023 - 2024)

EXPERIENCE

INTERNSHIP | *Newnop* (Jan'25 - July'25)

- Worked as a Software Development Intern on a Korean-based Charity Project that supports global donations for missionaries.
- Developed responsive web and mobile screens using React.js, including the landing page, admin/user login and signup pages, donation forms, payment gateway UI, confirmation popups and much more.
- Integrated frontend components with backend REST APIs and assisted in deploying the application on AWS. Collaborated with the development team using GitHub for version control and project management.

INTERNSHIP | *CodeTech IT Solutions* (Jun'24 - Jul'24)

- Developed a machine learning model to predict customer churn using Python.
- Implemented logistic regression, decision trees, and random forest to identify high-risk customers based on behavioral and demographic data.
- Performed data cleaning, feature selection, and model evaluation using accuracy, precision, recall, and F1-score.

PROJECTS

My Portfolio Website (Aug'25)

- Built a modern, responsive portfolio website built with React.js to showcase my technical skills and personal projects. Provides a seamless user experience on both web and mobile screens.
- Developed with React Hooks for efficient state management and Tailwind CSS.
- Used Vite as a modern build tool and implemented automated deployment to GitHub Pages via gh-pages.

Thyroid Disease Prediction Using Ensemble Modelling (Jul'24 - Dec'24)

- Developed ML models to predict diabetes and thyroid disorders using Random Forest, SVM, XGBoost, KNN, and Linear Regression by applying ensemble methods (bagging, boosting).
- Handled data preprocessing, feature selection, and evaluation using accuracy, precision, recall, and F1-score, achieving ~88% and ~85% accuracy respectively.

Waste Classification Using Deep Learning (Jan'24 - Jun'24)

- Built a binary image classification system using TensorFlow/Keras with ResNet50 transfer learning for waste segregation. Implemented data augmentation (rotation, flipping, zoom) and trained with early stopping callbacks.
- Achieved accurate classification of waste into Organic vs Recyclable categories through CNN and computer vision techniques.

EXTRACURRICULAR ACTIVITIES

Sports Council, SIT Pune (Jul'23 - Jul'24)

- Oversaw year-round sports activities at SIT Pune as the student representative, organizing events, workshops, and inter-college tournaments.
- Led a committee of 10 people for Taekwondo Tournament and a committee of 40 members for Prota 2023, overseeing over 1000 students.
- Contributed to SIT Pune's win in the Overall Championship Trophy in competitions across all Symbiosis colleges.

National Level Badminton Player | Delhi Badminton Association

- 1x Delhi State Badminton Champion and 2x Runner Up in girls doubles category. Represented Delhi in Various All India Tournaments - Goa, Jaipur, Guwahati, Imphal, Chandigarh, etc.
- Was ranked 14th in All India National Badminton Ranking in girls doubles, and 2nd in Delhi State.