Yukta Shree

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SKILLS

Languages:	Java, C/C++, TypeScript, JavaScript, Python, HTML, PHP
Frameworks & Libraries:	React, Node.js, Express.js, Bootstrap, CSS, Tailwind CSS, Next.js
Developer Tools:	Git, GitHub, AWS, Docker
Databases:	MySQL, MongoDB, Firebase, PostgreSQL
Core CS Fundamentals:	Operating Systems, Computer Networks, OOPs, DBMS, Data Structures and Algorithms
Soft Skills:	Leadership, Adaptability, Creativity, Quick Learner.

PROJECTS

UrbanSwap - AI Marketplace Assistance | GitHub | Link   Aug '25 – Sep '25
- Built an AI-powered **product creation platform** that generates titles, descriptions, features, and SEO contents.
- Designed a smooth, responsive **multi-step workflow** for creating and publishing marketplace listings.
- Integrated **smart content and image generation** to help users launch professional product pages effortlessly.
  Tech Stack: *React, Node,js, Express.js, TailwindCSS, Firebase*

Calyx - An Earth Observation Application for Global Flowering Phenology | GitHub | Link   Sep '25 – Oct '25
- Built a **machine-learning system** to detect and classify plant phenological stages using high-resolution images and timeseries data for improved prediction accuracy.
- Developed an interactive **Next.js interface** and a **Python backend** that reduced data processing and inference time by 40% through optimized workflows.
- Contributed to dataset curation, **CNN model training**, and **API development** for smooth frontend–backend–database integration
  Tech Stack: *TypeScript, JavaScript, Python, Jupyter Notebook, ML, Docker*

SwachhSetu – Waste Management System | GitHub   Nov '25 – Dec '25
- Engineered SwachhSetu, a role-based waste management web platform supporting **4 distinct user roles** with secure authentication and dedicated dashboards.
- Enabled cloud-based image storage and email-driven password recovery using **Cloudinary** and **Nodemailer,** improving account recovery success by 50%.
- Enhanced usability through a responsive **React + Tailwind** interface and **RESTful backend** workflows, efficiently handling 100+ simulated waste pickup requests.
  Tech Stack: *Node.js, Express.js, ReactJS, MongoDB, TailwindCSS*

TRAINING

Lovely Professional University | *Mastering Data Structures and Algorithm* **| Link**   Jun '25 – Jul '25
- Completed an intensive DSA Summer Training program focusing on **core data structures (arrays, linked lists, trees, graphs**) and essential algorithms with emphasis on time and space complexity.
- Strengthened problem-solving skills through hands-on coding exercises and real-world algorithms.
  Tech Stack: *Data Structures and Algorithm, C++*

CERTIFICATES

Cloud computing - NPTEL IIT Kharagpur	**Link**	Apr '25
Master Generative AI & Generative AI Tools (ChatGPT & more) - Udemy| **Link**	Aug '25
Build Generative AI Apps and Solutions with No-Code Tools – Udemy| **Link**	Aug '25

ACHIEVEMENTS

Global Nominee in NASA Space Apps Challenge 2025:   Nov '25
- Recognized as a **Global Nominee** in the **2025 NASA Space Apps Challenge** among 11,500+ projects.

Earned badges and stars on LeetCode, HackerRank, GfG: Feb '26
- Solved **100+ coding problems** and across **LeetCode** and **GeeksforGeeks**, Earned top badges and starts on **HackerRank,** including **certifications** for verified skills.

EDUCATION

Lovely Professional University   Phagwara, Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.93**   Since Aug '23

CRPF Public School   Hyderabad, India
Intermediate; **Percentage: 72.8**   Apr '21 – May '23

CRPF Public School   Hyderabad, India
Matriculation; **Percentage: 91.3**   Apr '20 – Mar '21