

Atharva I P Agrawal

Computer Science Undergraduate

PERSONAL DETAILS

Phone	+91 7792899300
Mail	agrawalip1601@gmail.com
LinkedIn	www.linkedin.com/in/atharva-i-p-agrawal-0181a7250

PROFESSIONAL SUMMARY

Computer Science undergraduate with strong problem-solving skills and hands-on experience in full-stack development and applied machine learning. Skilled in JavaScript ecosystems and scalable software development, with research experience in federated learning and climate AI.

TECHNICAL SKILLS

Languages	Python, JavaScript, HTML, CSS
Frameworks	React, Redux, Node.js, Express.js
Database	MongoDB
Tools & Concepts	GSAP, Frontend Development, Federated Learning, Data Analysis

EDUCATION

B.Tech in Computer Science Engineering — CGPA: 8.37
Bennett University, Greater Noida
2022–2026

Class XII — Score: 90%
M.B. International School, Kota
2020–2021

ACADEMIC ACHIEVEMENTS

- Research paper: *"SAGE-ET: Scalable and Adaptive Generalized Estimation of ET0"* Published in Applied Soft Computing (Elsevier; Q1 Journal, Impact Factor: 6.6, CiteScore: 14.5; supports open access), 2026.
- DOI: https://doi.org/10.1016/j.asoc.2026.114845

PROJECTS

SAGE-ET: Scalable and Adaptive Generalized Estimation of ET0

- Developed a privacy-preserving federated learning framework for reference evapotranspiration (ET0) prediction across diverse climatic regions, demonstrating robust performance under limited and data-rich meteorological conditions for sustainable water resource management.

- Tech Stack: Python, Federated Learning, Data Analysis
- **Publication:** Published in *Applied Soft Computing* (Elsevier; Q1 Journal, Impact Factor: 6.6, CiteScore: 14.5; supports open access), 2026.
- DOI: https://doi.org/10.1016/j.asoc.2026.114845

Urban Assist

- Developed a multi-service platform providing daily utility services like HomeCook, Gardening, and subscription-based services.
- Designed backend APIs and database architecture for scalability.
- Tech Stack: Node.js, Express.js, MongoDB