Utkarsh Patel

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utkarshcode.com | LinkedIn | GitHub | LeetCode

EDUCATION

Ramaiah Institute of Technology   Bangalore, India
B.E. Computer Science   *Oct 2023 – July 2027*

EXPERIENCE

IEEE Computer Society, RIT Chapter   Bangalore, India
Chair   *Dec 2025 – Present*

Led student engagement initiatives and coordinated large-scale technical events.

Organized coding competitions and workshops with 200+ participants.

IEEE Computer Society Bangalore Chapter   Bangalore, India
Intern (IAMPro '25)   *Apr 2025 – Sept 2025*

Completed 6-month industry-oriented mentorship program.

Participated in technical initiatives and cross-chapter collaboration tasks.

PROJECTS

PeerNexus (Torrent Client)   *Java, Networking*

Developed a complete torrent client implementing custom P2P communication.

Built socket-based concurrent peer networking and file distribution logic.

HALEM–PEGASIS Evaluator   *Java, Swing, Maven*

Created a simulation tool comparing PEGASIS vs HALEM-PEGASIS for WSNs.

Implemented hierarchical chain formation, adaptive leader rotation, and energy modeling.

Faculty Profile Builder   *Python, Flask*

Built a platform for faculty to generate and share academic profiles.

Implemented publication entry, achievement tracking, and profile export.

Course Selling Website   *Node.js, Express, MongoDB*

Developed a full-stack platform for browsing and purchasing courses.

Implemented secure login, course previews, and instructor dashboards.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript

Web Dev: React.js, Angular, Node.js, Express.js, HTML, CSS, MongoDB

CS Fundamentals: DSA, OOP, Algorithms

Tools: Git, GitHub, Maven, N8N

AWARDS & ACHIEVEMENTS

Paper Accepted (ICDDS '25): "Explainable Convolutional Network for Clinically Confusable Lung Diseases" (Poster Track, IIIT Dharwad).

Paper Presented (ISAI-DT '24): Research on automated information extraction from legal texts.