



# Om Panchal

## Computer Engineer

### CONTACT

 8329781752  
 om4499panchal@gmail.com  
 PUNE.  
 [www.linkedin.com/in/om-panchal-b8037a297](https://www.linkedin.com/in/om-panchal-b8037a297)

### AWARDS

- Smart India Hackathon (SIH) 2024 Winner
- Best Poster Award at Avinya 2025 Undergraduate conference
- Reliance Scholarship for 4-Year Engineering Degree

### SKILL

**Programming Languages:** Java, C++,

JavaScript, Python, C

**Full Stack Web Development:** React.js,

Node.js, Express.js, HTML, CSS, MongoDB

**Tools:** Cisco Packet Tracer, Tableau,

Linux

**Software & Technologies:** OpenGL, DSA

Problem Solving, DBMS (Oracle)

**Soft Skills:** Leadership, Communication,

Team Collaboration

### EDUCATION

MIT Academy of Engineering

*Alandi Pune* August 2023 - June 2027

Bachelor of Technology in  
Computer science

### PROFILE

Passionate Software Developer & AI Enthusiast with a strong background in Full Stack Development, Data Structures & Algorithms, and AI-powered solutions. Winner of SIH 2024, where I helped develop an intelligent chatbot leveraging RAG and LLMs to enhance government services. Dedicated to building scalable, high-performance systems and exploring cutting-edge technologies through hackathons, research, and competitive programming.

### WORK EXPERIENCE

**Team Lead – Smart India Hackathon (SIH) 2024 WINNER**  
DEC 2024 – DEC 2024

AI-Powered Chatbot Development

Led the development of an AI-powered chatbot using RAG and LLMs to streamline queries on admissions, fees, and placements.

**Cisco AICTE Virtual Internship – Networking Intern**  
MAY 2024 – JULY 2024

Applied networking principles using Cisco Packet Tracer to enhance cybersecurity and optimize web content restrictions in college networks

### PROJECTS

#### ● AI-Powered Chatbot (SIH 2024)

Technologies: RAG LLM, NLP, Voice Assistance, React Js, Node Js, Express Js, MongoDB, Javascript

#### ● Finger Gesture Car Control Game

Technologies: AI, Machine Learning, Gesture Recognition

#### ● CarePredit - AI/ML Home Health Care

Technologies: HTML, CSS, JavaScript, Node.js, MongoDB, AI/ML, Express Js, RAG LLM, NLP,

#### ● UI/UX Development:-

1.Food Zone App Prototype.

2.MyFinance Genie App prototype.

3.SIH(2024):-WEB-design.

#### ● E-Commerce Website with Payment Integration

Tech Stack: HTML, CSS, JavaScript, React.js, Node.js, Express.js, Stripe API