

ARPIT RAJ KATIYAR

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🔧 PROFESSIONAL SUMMARY

Software Engineering undergraduate specializing in Artificial Intelligence & Machine Learning with hands-on experience in full-stack web development using React, Node.js, Express, MongoDB, and TypeScript. Experienced in designing responsive web applications, building RESTful APIs, and developing AI-powered solutions through internships and personal projects. Passionate about scalable software engineering, clean code, and solving real-world problems.

🌐 TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript, TypeScript, Python, SQL
- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Vite
- **Backend:** Node.js, Express.js, REST APIs
- **Database:** MongoDB, MySQL, SQLite
- **Developer Tools:** Git, GitHub, Docker, Postman, VS Code, Vercel, Netlify, Render
- **Core Computer Science:** Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

🎓 EDUCATION

Kanpur Institute of Technology

Jul 2024 – Present | Kanpur Nagar , U.P.

B.Tech in Computer Science Engineering (Specialization in Artificial Intelligence and Machine Learning) 📄

- Overall CGPA (First & Second Year): 8.57/10
- Expected Graduation : **2028**

🏢 INTERNSHIP & EXPERIENCE

PRODESK - IT

Jun 2026 – Aug 2026 | Remote Internship

• Frontend / Full Stack Intern

- Developed reusable React components, improving UI consistency.
- Integrated REST APIs with backend services.
- Delivered sprint-based features following Git workflows.
- Optimized applications for mobile responsiveness and performance.
- Collaborated with mentors to deliver production-ready web applications.

Prompt Consultancy Services

Jan 2026 – Feb 2026 | Remote Internship

• OOPS with C++ Intern

- Completed an AICTE-approved internship in Object-Oriented Programming (OOP) using C++.
- Implemented core OOP concepts including inheritance, polymorphism, abstraction, and encapsulation through practical assignments.
- Developed a mini project utilizing STL, exception handling, templates, and file handling.

AICTE - EDUNET FOUNDATION 📄

Jul 2025 – Aug 2025 | Virtual Internship

• Emerging (AI & Cloud) Technologies 📄

- Developed AI and cloud-based solutions for real-world business problems.
- Presented the final project to mentors.
- Worked with AI, Cloud Computing, Chatbots and Project Management.

PROJECTS

Task Manager (MERN + TypeScript)

• React • Node.js • Express • MongoDB • TypeScript

GitHub [↗](#) | Live Demo [↗](#)

- Built a full-stack task management application with JWT authentication, CRUD operations, and role-based access for multiple user workflows.
- Implemented secure CRUD operations, advanced filtering, and responsive dashboards.
- Wrote unit tests using Vitest to improve reliability.

CoverCraft AI

• React • Express • Gemini API

GitHub [↗](#) | Live Demo [↗](#)

- Built an AI-powered cover letter generator using Google Gemini.
- Generated personalized cover letters from resume data.
- Designed a modern, mobile-responsive user interface.

Employee Workspace

• React • Node.js • Express

GitHub [↗](#) | Live Demo [↗](#)

- Developed a complete employee management dashboard.
- Implemented task tracking, authentication, and analytics.
- Built reusable React components for improved maintainability.

Movie Explorer (TMDB)

• React • TMDB API

GitHub [↗](#) | Live Demo [↗](#)

- Integrated TMDB APIs for movie search and discovery.
- Added filtering, dark mode, and responsive layouts.
- Optimized API calls for a smoother user experience.

CERTIFICATIONS

IBM SkillsBuild

- AI Fundamentals
- Web Development Fundamentals

HackerRank

- Python (Basic)
- CSS (Basic)

Additional Certifications

- Python for Everybody (Coursera)
- Introduction to Machine Learning (Kaggle)

ACHIEVEMENTS

- Achieved a **9.6 GPA** in the First Semester of B.Tech.
- Built and deployed **9+ full-stack web applications**.
- Completed **7+ AI and software development internships**.
- Participated in **FOSS Hack 2025**.

EXTRACURRICULAR ACTIVITIES

HACKATHON PARTICIPANT:

Feb 2025 | KANPUR NAGAR, INDIA

1. FOSS HACK 2025

Built **PRAN-KAVACH**, an AI-assisted healthcare solution focused on emergency response.

Declaration:

I hereby declare that all the information provided is true, complete, and correct to the best of my knowledge and belief.