

Atharva Nayak

Web Developer | Software Developer | AI Engineer

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PROFESSIONAL SUMMARY

Engineering student with strong interests in software development, AI, and modern web technologies. Passionate about applying skills in ReactJS and Python to real-world projects while continuously learning and innovating.

EDUCATION

Bachelor of Engineering - Electronics & Computer Science Expected Graduation: June 2027

Thakur College of Engineering and Technology, Mumbai

- CGPA: 8.72

WORK EXPERIENCE

In House Internships:

- Completed a Social Internship with the Cyber Peace Foundation, contributing to awareness and digital safety initiatives.
- Completed a 100-hour self-paced Introduction to Python Programming in-house internship, including hands-on assignments and project-based learning.

TECHNICAL SKILLS

- Web Development:** ReactJS, JavaScript (ES6+), HTML5, CSS3, Vite, Component-Based UI Architecture
- Programming & Scripting:** Python, C, C++, Java (Basics), Data Structures & Algorithms
- AI & Automation Tools:** OpenAI API Integration, Prompt Engineering, Basic Machine Learning, Model Deployment (Beginner)
- Version Control & Dev Tools:** Git, GitHub, VS Code, NPM, Build & Package Management
- Backend & Databases:** REST APIs (Basics), JSON, SQL (Basics)

CERTIFICATIONS AND ACHIEVEMENTS

- Completed Introduction to Python certification by DataFlair
- Attended a hands-on Python Programming Workshop
- Qualified for Level 1 of the Samsung Solve for Tomorrow Hackathon
- Achieved Level 2 qualification in the Mumbai Hacks Hackathon

PROJECTS

Restaurant Website (HTML, CSS, React)

Developed a responsive restaurant website featuring interactive UI components, menu pages, and a modern frontend layout using React. Implemented clean component structuring and reusable design elements.

Quiz Web Application (HTML, CSS, JavaScript)

Built a functional quiz website with dynamic question rendering, score calculation, and user-friendly navigation. Implemented validation, timers, and lightweight frontend logic in vanilla JavaScript.

Sentiment Analysis Model with Web Scraping (Python, React, HTML/CSS)

Created a machine learning-based sentiment analysis system integrated with web scraping to fetch live data. Built a React-based UI for real-time input and visual output, with Python handling NLP processing and prediction logic.

Advanced School Management System (Python, Encryption Modules)

Developed a complete school management system featuring student records, attendance, and admin functionalities. Added data security through custom encryption techniques and modularized backend architecture.

Newsletter Management System

Designed a newsletter management platform to automate subscription handling, content organization, and distribution workflows. Implemented clean UI layouts with efficient data handling structures.

FinWise AI: Agentic Retirement Planning Chatbot (React, JS, MongoDB, Botpress)

Built an AI-driven agentic chatbot for personalized retirement planning. Integrated a Botpress-based model with a full-stack frontend built using React, HTML, CSS, and JavaScript, and connected it with MongoDB for data storage.