

PIYUSH

Kurukshetra, Haryana

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EDUCATION

Chitkara University

B.Tech - Computer Science and Engineering, CGPA: 9.21

2023 – 2027

Baddi, Himachal Pradesh

University Senior Secondary Model School

12th CBSE Board, Percentage: 83.6%

2022

Kurukshetra, Haryana

Coursework / Skills

- Data Structures
- DBMS
- Web Development
- Operating Systems
- OOP Concepts

About Me

Passionate MERN Stack developer with strong hands-on experience in building full-stack web applications. Skilled in both frontend and backend technologies including MongoDB, Express.js, React.js, and Node.js. Adept at writing efficient code, solving DSA problems in C++, and leading technical projects. Motivated to contribute to innovative projects and continually expand my technical expertise.

Projects

CodeZone | MERN Stack, Online Code Compiler

Aug 2025

- Designed and deployed a full-stack online code compiler supporting multiple languages.
- Implemented secure authentication using JWT tokens and cookies.
- Built features such as user code submission tracking and history viewing.
- Deployed on Render: codezone-1-f38m.onrender.com.

Weatherify | React.js, CSS

Jul 2025

- Developed a weather forecast application using OpenWeather API.
- Displayed real-time temperature, humidity, and weekly weather data.

SmartKart | IoT, Embedded Systems

May 2025

- Built an IoT-based smart cart using Arduino to automate retail billing.
- Integrated RFID tags, sensors, and LCD display for real-time tracking.

Experience

IoT SmartKart Project

Jan 2025 – May 2025

Project Leader

Chitkara University

- Led a team to develop a smart cart using embedded systems for retail automation.
- Managed project planning, hardware integration, and successful prototype testing.

Wi-Fi 6 Research Paper

Jul 2024 – Oct 2024

Research Contributor

Chitkara University

- Contributed to research and technical writing on next-gen Wi-Fi 6 technology.
- Handled data analysis, performance benchmarking, and documentation.

Technical Skills

Languages: JavaScript, C++, C, Java, Python, SQL

Frameworks/Tech: React.js, Node.js, Express.js, MongoDB, Linux

Tools: Git, GitHub, VS Code, Arduino IDE, Postman

Certifications

- C Programming - Infosys
- Red Hat Linux - Infosys
- Cloud Computing - NPTEL
- Design Engineering - Infosys
- DBMS with C++ and SQL - Infosys