
PARESH SHARMA

[GitHub](#)

[Portfolio](#)

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[LinkedIn](#)

PROFILE

Computer Science and Engineering student with a background in Finance , proficient in C++, problem-solving and delivering efficient solutions in fast-paced environments.

EDUCATION

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, PATIALA

B.E. in Computer Science and Engineering, CGPA: 8.14 (2021 - 2025)

CLASS XII – ROOT MODEL PUBLIC SR SEC SCHOOL, KARSOG

Percentage: 97.20% (2021)

CLASS X – ROOT MODEL PUBLIC SR SEC SCHOOL, KARSOG

Percentage: 94.71% (2019)

SKILLS

Programming: C/C++(Object-oriented Programming), Python, R Programming.

Database: SQL, PL/SQL, NoSQL.

Web Development: HTML, CSS, Bootstrap, JavaScript, jQuery, Node.js, Express.js, React.js.

Software & Tools: MATLAB, AutoCAD, RStudio, Postman, Git, Github and Version Control & Familiar with IBM Quantum, AWS Cloud, and Trading Technologies.

Finance Proficiencies: Experienced in finance disciplines including accounting, valuation, portfolio theory, risk management, derivatives pricing, trading strategies etc. where tools like MS-Excel/Google-Sheets, Trading Technologies were used.

PROJECTS

Weather Forecasting System ([Github](#)): Using Machine Learning and Artificial Intelligence techniques, a system was prepared to predict the future weather based on Model trained on Historical Data.

Hospital Management System ([Github](#)): Using DBMS skills, a Web-app is built using SQL, HTML and CSS techniques in which a patient can book an online appointment to access Hospital services.

Process Scheduling Algorithms Simulator ([Github](#)): Using HTML, CSS and Flask a Web application is employed to simulate Operating System Algorithms. The web app allows users to simulate how fundamental Process Scheduling Algorithms work in a seamless manner.

Blog API project ([Github](#)): Developed a full-stack blog application where users can view and edit blog posts through a clean web interface. The backend API was built using Express.js with EJS for dynamic templating.

AWARDS

Received State Board Scholarship and Laptop for academic performance and received awards for acing Mathematics and Science- Class X.

State Board rank 15, received Mobile Phone for academic performance - Class XII.