

# AVINASH PANDEY

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## EDUCATION

### Bachelor of Technology in Information Technology

Graduating July 2025

Haldia Institute of Technology

9.18 YGPA

Relevant coursework: Data Structures and Algorithms, Design and Analysis of Algorithms, Object oriented Programming, Formal Languages and Automata Theory, Computer Organization and Architecture, IT Workshop(Python).

## EXPERIENCE

### CodeClause: Java Development Intern

July 2023

- The Stopwatch allowing users to start, pause, reset, and record lap times accurately and efficiently.
- Designed and implemented the user interface for the Stopwatch and Timer application using JavaFX, ensuring a user-friendly and intuitive design.

### CodSoft: Web Development Intern

July 2023

- Explored ways to utilize various HTML, CSS, and JavaScript functions, tags, and attributes.
- Developed a responsive personal portfolio website, landing page, and a calculator.

## PROJECTS

### StopWatch and Timer

Java, JavaFX, Git & Github, IntelliJ IDEA.

- Collaborated in a team of CodeClause to design Stopwatch and Timer in Java.
- The Java project follows best coding practices to ensure code efficiency, maintainability, and readability.
- Clear and distinct buttons and controls enable users to interact seamlessly with the stopwatch functionalities.

### Hishab-Rakh

HTML, CSS, JavaScript, MongoDB, Express.js, React, Node.js(MERN).

- Developed a Full-Stack Money Tracker application using the MERN stack to track personal finances and expenses.
- Utilized React for building a dynamic and responsive front-end interface, allowing users to easily manage and categorize their expenses and incomes.
- Designed and integrated MongoDB database to store financial data, enabling seamless retrieval and visualization of transaction histories and financial insights.

## SKILLS

**Web Development:** HTML5, CSS, JavaScript, React.js, Node.js

**Programming:** C, C++, Python, Java

**Database:** SQL, MongoDB

**Developer Tools:** Git & GitHub, VS Code, IntelliJ IDEA, Google Cloud Platform(GCP)

**Design and Modeling Tools:** Adobe Photoshop, MATLAB, Microsoft Office

**Skills Verification:** HackerRank-Java (Basic) Certificate, Problem Solving (Basic) Certificate

## ACHIEVEMENTS & CERTIFICATIONS

### Goldman Sachs: Software Engineering Virtual Experience

- Acquired knowledge of password multi-factor authentication, and password hashing algorithms.

### freeCodeCamp: Responsive Web Design Developer Certification

- Representing approximately 300 hours of coursework(Survey Form, Tribute Page, Portfolio Web Page, etc).

### Coursera: Introduction to Scripting in Python Specialization

- This Specialization includes four different courses: 1. Python Programming Essentials 2. Python Data Representations 3. Python Data Analysis 4. Python Data Visualization.

**Leetcode:** 100+ solved questions.

**HackerRank:** Earned 4-star in C, C++, and Java.