

# Kavya Arora

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## EDUCATION

### B.E. in Computer Science Engineering

Chandigarh University - Punjab, India

CGPA 8.15/10

July 2021 - May 2025

### Higher Secondary School Certificate (XII class)

Children Sr Sec School

(89.4%)

July 2019 - May 2021

## EXPERIENCE

### LeafyIsland | *Software Developer, Bengaluru*

Oct. 2023 – March 2024

- Created a real-time data **dashboard** utilizing **React.js**, **HTML**, **CSS**, and **JavaScript** for monitoring key performance indicators, contributing to enhanced **data visualization and analysis** capabilities.
- Designed user interfaces in **Adobe XD** and managed version control through **Bitbucket**.
- Integrated **JWT** for **secure API authentication and authorization**, ensuring **data security and user privacy** in website interactions.

### HelpInHomework | *Software Developer, Jaipur*

Jan. 2023 – July 2023

- Leveraged **Figma** for prototyping and collaborative **UI/UX** design, ensuring consistent and interactive design elements. Employed **CSS3** and **HTML5** for modern, standards-compliant **web development**.
- Used **AngularJS** and **TypeScript** to develop scalable single-page applications, benefiting significantly from **TypeScript's** static typing and **Angular's** robust framework for efficient and maintainable code.
- Utilized version control systems, such as **Git** and **Yarn**, to manage and collaborate on code repositories, fostering an organized and efficient development process.

### Macrogoogol | *Software Developer, Remote*

May. 2022 – Aug 2022

- Developed a website using **WordPress** for content management and implemented comprehensive **Search Engine Optimization (SEO)**, including keyword research, and on-page optimization to increase traffic.
- Optimized website performance using **Data structures and algorithms**, **Object-oriented programming principles**, ensuring efficient data handling and smooth application operation.
- Utilized **React** for building dynamic user interfaces, **MongoDB** for database management, **Express.js** and **Node.js** for server-side development.

### Course Hero | *Tutor*

March. 2023 - Present

- Provided expert programming guidance in **Java**, teaching **Data Structures and Algorithms**, **Object-Oriented Programming (OOP)** concepts, and **Java basics** through hands-on examples and real-world applications.
- Enhanced students' understanding and proficiency in programming concepts and languages by offering personalized instruction, conducting **coding workshops**, and facilitating **collaborative projects**.
- Delivered solutions and explanations for theoretical subjects including **Computer Networks**, **Database Management Systems (DBMS)**, and **Operating Systems**.

## TECHNICAL SKILLS

**Programming Languages:** Java, C, C++, C# , HTML , CSS , JavaScript , SQL

**Developer Tools and Workstyle:** MongoDB, Firebase, Git and Git(Bash), Agile, CI/CD Testing, Scrum

**Frameworks and Concepts:** React, Node.js, Express.js, Data Structure and Algorithms, OOPS

## PROJECTS

### • **CodePen** | *React, Firebase, CodeMirror, Tailwind CSS*

- Developed a **Full-Stack** interactive code editor platform named CodePen using **React** and **Firebase**, offering comprehensive code editing functionalities, and seamless integration with various **coding libraries**.
- Integrated advanced syntax highlighting with **CodeMirror**, efficient code organization with **SplitPane**, and a modern responsive **UI** with **Tailwind CSS**, ensuring cross-browser compatibility and improved user engagement.
- Built real-time updates and collaborative coding with **Firebase**, improving state management with **Redux**.

### • **Web-based Plant Disease Detection System** | *C++, Javascript, Express.js, MongoDB*

- Developed a plant disease detection system using **React.js**, integrating **TensorFlow.js** for real-time diagnostics directly in the browser, and a secure backend with **Node.js**, **Express.js**, and **MongoDB**.
- The interface featured real-time data visualization using **Chart.js** and **D3.js**, enabling users to monitor plant health trends and receive actionable insights.