

Soniya Lakade

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Education

Pimpri Chinchwad College of Engineering, Pune

Bachelor of Technology in Computer Science

Aug 2023 - June 2027

CGPA – 7.61(out of 10)

Relevant Coursework

- Object Oriented Programming
- Computer Networking
- Data Structures and Algorithms
- Machine Learning
- Database Management
- Generative AI

Project

devTinder || Node.js, Express.js, MongoDB, JavaScript

- Built a developer-focused networking platform enabling users to create profiles, send/accept/ignore connection requests, and manage developer matches.
- Implemented secure authentication using JWT and bcrypt for password encryption, ensuring data privacy and secure access.
- Designed and developed RESTful APIs to handle user interactions and connection workflows efficiently.
- Utilized Node.js, Express.js, and MongoDB to implement a scalable and maintainable backend architecture.
- Implemented secure user authentication with JWT and password hashing using bcryptjs to protect sensitive user data.

Predictive Analytics using Machine Learning || Python, Scikit-learn, Pandas, NumPy, Matplotlib

- Built a predictive model using multiple supervised learning algorithms including Logistic Regression, Decision Tree, Random Forest, and SVM.
- Applied data preprocessing techniques such as cleaning, encoding, normalization, and feature selection to improve model accuracy.
- Evaluated model performance using metrics like accuracy, precision, recall, F1-score, and R² score for comprehensive assessment.
- Visualized insights and feature importance using Matplotlib and Seaborn to support data-driven decision-making.

Cultural Odyssey|| HTML, CSS, JavaScript

- Link: https://soniyalakade.github.io/Cultural_Odyssey/
- Developed an interactive web platform highlighting cultural and historical heritage using a responsive and visually engaging UI. Designed interactive navigation with maps, multimedia content, and dynamic components to enhance user engagement.
- Utilized **HTML, CSS, and JavaScript** to build core functionality and styled layouts for accessibility across devices.
- Deployed the project on **GitHub Pages** for public access, ensuring smooth performance and optimized load times.

Technical Skills

Languages: C++, C, Java, Python (Basic)

Web Technologies: HTML, CSS, JavaScript, MySQL

Databases: MongoDB, MySQL

Framework: Express, Node, React

Tools/Technologies: VS Code, GitHub, Jupyter Notebook

Coding Platform Profiles

GeekforGeeks Leetcode

Achievements

Solved 150+ questions based on Data Structures and Algorithms on various Coding Platforms.

Certifications

- Mastering Data Structures & Algorithms using C and C++
- Java Masterclass 2025: 130+ Hours of Expert Lessons