

Abhavya

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Profile

Third-year Computer Science Engineering student passionate about Web development and Data Structures and Algorithms (DSA). Strong foundation in core subjects like Computer Networks, DBMS, and Operating Systems. Focused on advancing DSA expertise and developing Web Applications.

Education

Bachelor's of Engineering | Computer Science | CGPA-8.5 (expected)

Delhi Public School | 87% | 2020-2022

Kaintal School | 95% | 2009-2020

Skills and Abilities

Technical Skills: Java, C, C++, Python, React, Node.js, Express, Spring Boot, MongoDB, TypeScript, Keras

Soft Skills: Problem-Solving, Leadership, Public Speaking, Teamwork, Ethics and Values

Projects

Full-Stack Development Project | Java, Spring Boot, React, MongoDB

Designed and implemented a robust full-stack web application, managing the complete lifecycle from backend services to frontend UI.

Designed and optimized backend APIs using Spring Boot.

Developed an intuitive user interface using React to enhance user experience.

Created and implemented efficient MongoDB schemas for effective database management.

MERN Hotel Booking Website | TypeScript, React, Express.js, MongoDB

Developed a comprehensive hotel booking platform, enhancing customer experience and operational efficiency.

Streamlined the booking process to improve user experience.

Utilized TypeScript for type safety to minimize errors and ensure system reliability.

Designed and implemented MongoDB schemas for efficient data management.

AI/ML Project for Object Identification | Python, Keras Library

Created an AI model capable of identifying objects with high accuracy, enhancing recognition capabilities for real-world applications.

Built and trained object recognition models with high accuracy.

Improved model performance through data augmentation and preprocessing techniques.

Designed solutions for deploying AI in edge devices to enable real-time object identification.

Certifications

Machine Learning – AWS: Gained in-depth knowledge and practical experience in machine learning algorithms and cloud-based ML solutions using AWS services.

Machine Learning Capstone – Coursera: Successfully completed a capstone project applying machine learning algorithms to solve real-world problems.

Product Ideation, Design, and Management – University of Maryland (Coursera): Acquired skills in ideating, designing, and managing products from concept to delivery.

Meta Social Media Marketing – Meta: Learned key strategies for effective social media marketing, including content creation, analytics, and community engagement.