

Professional Summary

Focus on problem solving The ability to think outside the box and come up with unique solutions. The ability to clearly and effectively communicate your thoughts and ideas to others. range of interests! Yoga :- is a wonderful way to stay active and maintain a healthy body and mind, while listening to music :- can be a relaxing and enjoyable pastime. Solving puzzles :-can be a fun and challenging activity that can help improve problem-solving skills, and cooking can be a creative outlet and a means of nourishing oneself. Celebrating yourself is important too, as it helps boost self-esteem and promotes a positive outlook on life. Keep enjoying these hobbies and continue to make time for self-care!

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020	Bachelor of Engineering (Electronics and Communication Engineering)	Rajiv Gandhi Proudtyogiki Vishwavidyalaya Bhopal	8.13/10.0
2014	Intermediate (Class XII)	I.M.P.B	5.97/10.0
2011	Matriculation (Class X)	I.M.P.B	5.94/10.0

Experience

Newton School | MERN Stack dev

March 2023 - March 2024

Frontend Development:

- **HTML & CSS:** Basics of web development, responsive design, and advanced CSS.
- **JavaScript:** Core concepts, ES6 features, asynchronous programming, and DOM manipulation.
- **React:** Component-based architecture, state management, hooks, routing, and advanced concepts like context API and Redux.

Backend Development:

- **Node.js:** Fundamentals of server-side development, asynchronous programming, and building RESTful APIs.
- **Express.js:** Creating robust backends, middleware, routing, and handling requests and responses.

Database Management:

- **MongoDB:** NoSQL database concepts, CRUD operations, aggregation framework, indexing, and data modeling.

Full-Stack Integration:

- Integrating React frontend with Express and Node.js backend.
- Connecting the backend to MongoDB and performing full-stack operations.

Data Structures and Algorithms (DSA):

- **Basic Data Structures:** Arrays, linked lists, stacks, queues.
- **Advanced Data Structures:** Trees, graphs, heaps, hash tables.
- **Algorithms:** Sorting, searching, dynamic programming, greedy algorithms, graph algorithms.
- **Problem Solving:** Weekly coding challenges, hackathons, and competitive programming practice.

Program Features

- **Live Classes and Mentorship:** Interactive live sessions with experienced instructors and one-on-one mentorship.
- **Hands-on Projects:** Real-world projects and assignments to build a strong portfolio.
- **Career Services:** Interview preparation, resume building, and job placement assistance.
- **Community and Support:** Access to a community of peers, forums, and support from teaching assistants.

Learning Outcomes

By the end of the program, students will be proficient in developing full-stack web applications using the MERN stack. They will also have a strong grasp of data structures and algorithms, equipping them with the skills needed to excel in technical interviews and secure software development roles.

Duration

- **One Year:** The program is structured to be completed in one year, balancing theoretical knowledge with practical application to ensure a deep understanding of both full-stack development and DSA.

Projects

Dictionary APP | Newton School ([link](#))

February 2024 - February 2024

My project at includes a search function for words, a history of searched words, and an option to get a random word. Users can type a word and either press enter or click the search button to get the definition. There are also options to manage search history, including deleting specific words.

1. Understanding Full-Stack Development

- **Frontend Development:** Implementing a user-friendly and responsive interface using HTML, CSS, and JavaScript (possibly using frameworks like React, Redux).

2. User Authentication and Authorization

- Implementing secure user registration, login, and profile management using OAuth or JWT for token-based authentication.

3. Search and Filtering Mechanisms

- Developing advanced search functionality to allow users to find accommodations based on various filters like location, price range, dates, and amenities.

4. API Integration

- Integrating third-party APIs for services such as payment processing (Stripe, PayPal), maps (Google Maps API), and other relevant services.

5. Responsive Design

- Ensuring the application is mobile-friendly and provides a seamless experience across different devices and screen sizes.

6. Booking Management

- Creating a system for users to make, modify, and cancel bookings. This includes real-time availability checking and booking confirmation.

7. Review and Rating System

- Implementing a feature for users to leave reviews and ratings for properties they have booked, helping to build a community and provide valuable feedback.

8. Security Best Practices

- Applying best practices for securing user data, including encryption, secure communication (HTTPS), and regular security audits.

9. Performance Optimization

- Ensuring the application is optimized for fast loading times and efficient data handling, providing a smooth user experience.

10. Scalability Considerations

- Designing the architecture in a way that allows the application to scale efficiently as the user base grows, including considerations for load balancing and distributed systems.

My To-Do App

- **Purpose:** Manage and organize tasks efficiently.
- **Features:**
 - Add new tasks.
 - Edit existing tasks.
 - Delete tasks when completed.
- **UI:** Simple and user-friendly interface.
- **Technology:** Built with modern web technologies (likely HTML, CSS, JavaScript).
- **Accessibility:** Available online for easy access on various devices.

1. **Pokémon Listings:** A catalog of Pokémon with detailed information on each, including stats, types, abilities, and images.
2. **Search and Filter:** Tools to search for specific Pokémon and filter them by different criteria such as type, generation, and more.
3. **Responsive Design:** The application is designed to be user-friendly and accessible across different devices, ensuring a seamless experience on both desktop and mobile platforms.
4. **Interactive UI:** An engaging user interface that may include animations and interactive elements to enhance the browsing experience.
5. **API Integration:** The project probably uses a Pokémon API to fetch real-time data, ensuring up-to-date information on the Pokémon universe.

Overall, the project aims to provide an informative and enjoyable experience for Pokémon enthusiasts, combining comprehensive data with an attractive and functional design.

Certifications

- Learn Data Structure and Algorithm using **Java** language and pursuing **MERN** stack development.
- Technical Stack Learnt: **NODEJS, Express JS, MongoDB, React, JavaScript, HTML, CSS, Bootstrap** and **Data Structures** with .
- Participated in the weekly contest as well as in monthly contests arranged on the platform.
- Done some Internships in kr network cloud, Suvidha Foundation
- Attend it based (Android)workshop on iit bombay during Techfest

[\(Certificate Link\)](#)

- **Focus:** Covers networking fundamentals, IP connectivity, security, automation, and programmability.
- **Skills:** Includes configuring and troubleshooting networks, understanding network protocols, and implementing security measures
- **Career:** Prepares for roles like network administrator, network engineer, and IT support.
- **Make Project :- Smart home**

IIT BOMBAY | Google Android Development

January 2018

[\(Certificate Link\)](#)

- **Tools:** Use Android Studio for development.
- **Languages:** Primary languages are Java .
- **Design:** XML is used for layout design.
- **SDK:** Android SDK includes APIs for device hardware and features.
- **Libraries:** Access a variety of libraries and framework
- **During days:** Learn setup envorment build, make mobile calculator

SCA | C/C++

September 2017

[\(Certificate Link\)](#)

Learn About C and C++ make done multiple Assignment make Project of Railway counter ticket booking

Skills

Computer languages	HTML, CSS, Javascript, Java
Software Packages	NodeJS, Bootstrap, Express JS, React, Mongo DB
Additional Courses Taken	Data Structure
Soft Skills	Communication Skills

Co-Curricular Activities

- **Event:** SAM Updaan
 - **Role:** Managed and handled 2000 students
 - **Skills Demonstrated:**
 - Leadership
 - Organization
 - Event management
 - Communication
 - **Impact:** Successfully coordinated activities, ensuring smooth event execution.
- This experience showcases your ability to manage large groups and effectively organize significant events.

- **Event:** College sports event
- **Sport:** Cricket
- **Role:** Player
- **Achievement:** Won the match with your team
- **Skills Demonstrated:**
 - Teamwork
 - Strategy and planning
 - Physical fitness
 - Sportsmanship
 - **Program:** SAM Achievement Program (SAM GP)
 - **Selection:** Chosen to participate
 - **Focus:** Extra classes for improving communication skills and other activities
 - **Benefits:**
 - Enhanced communication abilities
 - Participation in additional developmental activities
 - Opportunities for personal and professional growth