

# PIYUSH RATHWE

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## EDUCATION

<b>Faculty of Engineering and Technology, Gurukula Kangri University, Haridwar</b> <ul style="list-style-type: none"><li>B.Tech in Computer Science and Engineering   CGPA: <b>8.3</b> (till 6<sup>th</sup> Sem)</li></ul>	<b>2021 - 2025</b>
<b>St. Joseph's Convent School, India</b> <ul style="list-style-type: none"><li>CBSE (Class XII), Aggregate: <b>90.6 %</b></li></ul>	<b>2019 - 2020</b>

## SKILLS

Programming Languages: C, C++, Python, Javascript, Typescript, SQL, MySQL  
Computer Fundamentals: OOPs, Computer Networks, DBMS, Operating System, Linux  
Frontend: HTML, CSS, ReactJS, Next JS, Redux, Tailwind, Bootstrap  
Backend: Node JS, Express, MongoDB, Supabase, Redis, Nginx, GraphQL  
Other Tools: Docker, AWS, Git, GitHub, VS Code, Postman

## WORK EXPERIENCE

<b>Unified Mentor  </b> Internship   Full Stack Developer	<b>Sep'24 – Oct'24</b>
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- ❖ Learned the technologies used in production of full stack project and its deployment.
- ❖ Worked on projects like Catering-Ordering System and Online Gas Agency.
- ❖ Technologies used are ReactJs, NodeJs, Express, Firebase and MongoDB.
- ❖ Implemented the query and search optimizations with Caching the data using Redis.

## PROJECTS

<b>Hotel Booking Web Application</b>	<b>[Live]</b>	<b>[Code]</b>	<b>Aug' 24</b>
<ul style="list-style-type: none"><li>❖ Allows users to browse, search, and book hotel rooms with a <b>responsive</b> and intuitive interface, featuring <b>dynamic filtering</b> by price, location, rating and availability.</li><li>❖ Provides secure user <b>authentication</b> and <b>authorization</b> using <b>JWT</b> and <b>bcrypt</b>, with integrated <b>Stripe API</b> for seamless and secure payment processing.</li><li>❖ Utilizes <b>Node.js</b>, <b>Express</b>, and <b>MongoDB</b> to handle user data, hotel listings, and bookings efficiently, ensuring scalability and high performance.</li></ul>			

<b>URL Shortener Service</b>	<b>[Live]</b>	<b>[Code]</b>	<b>April'24</b>
<ul style="list-style-type: none"><li>❖ Efficient URL Shortening: Allows users to create and manage shortened URLs, with the option to <b>customize aliases</b> and download the <b>QR code</b> of URLs for easier sharing.</li><li>❖ Click Analytics: Tracks and displays detailed <b>analytics</b> for each shortened URL, including <b>click counts</b>, <b>Location</b> and <b>Device</b> Information in which user has clicked the URL.</li><li>❖ Scalable &amp; Secure Service: Utilizes a robust backend with <b>Supabase</b> and frontend with <b>React</b> and <b>Shadcn</b>, implementing security measures like rate limiting and input validation.</li></ul>			

## CERTIFICATIONS & ACHIEVEMENTS

- ❖ Cloud Computing Fundamentals by [IBM](#) **Sep'23**
- ❖ Getting Started with Data Analytics on AWS by [Coursera](#) **May'22**
- ❖ Responsive Web Design by [Free Code Camp](#) **Sep'23**
- ❖ Solved **500+ DSA** problems on Leetcode, Interviewbit, and GeeksforGeeks.
- ❖ Mentored Students in problem solving and computer fundamentals on Chegg.com