

ABHINAV TRIPATHI

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EDUCATION

Bachelor of Technology, Rajasthan Technical University, Kota

Expected 2024

Relevant Coursework: Computer Science Engineering

CGPA: 9.81

Senior Secondary, The Creative Brain Academy

2019 - 2020

Percentage: 93.40

EXPERIENCE

Application Software - Last Semester Trainee

Jan 2024 - Current

Secure Meters Ltd, Udaipur

- Orchestrated the implementation of innovative frontend technologies, including React and Angular, to develop dynamic web pages; optimized loading speed by 40% and enhanced user engagement metrics by 25%.
- Implemented advanced PostgreSQL integration for web applications, achieving a 35% increase in data processing efficiency and cutting data retrieval times by 45% through optimized schema design and indexing strategies.

Research Intern

June 2023 - Aug 2023

Indian Institute of Technology Hyderabad, Hyderabad

- Pioneered research initiatives focusing on blockchain technology and Rust programming language, contributing to the advancement of decentralized systems.

Software Developer Intern

June 2022 - July 2022

Fusion Business Solution (Pvt) Ltd., Udaipur, Rajasthan

- Amplified proficiency in JavaScript, Node.js, and React.js, catalyzing the development of innovative software solutions.
- Collaborated on the enhancement of the company's software suite for streamlined team management, leveraging Server-Side and Client-Side Paginations.

Freelance

Oct 2022 - Nov 2022

Pandya Software Technology Pvt Ltd, Kota, Rajasthan

- Orchestrated the deployment of cPanel configurations, optimizing server performance and security.
- Led frontend development projects utilizing HTML, CSS, and PHP, delivering bespoke solutions tailored to client specifications.

PROJECTS

- SemsEat:** [Source code](#) — ReactJS, Express JS, PostgreSQL
 - Secured user data by implementing a robust JWT-based authentication system and securing all API routes through JWT verification middleware.
 - Conceptualized and developed a dynamic food ordering platform for corporate meeting rooms, facilitating seamless ordering and delivery logistics.
 - Innovated and launched a dynamic food ordering platform for corporate meeting rooms; optimized delivery logistics and improved ordering efficiency by 60%, resulting in a 40% increase in customer satisfaction and repeat orders.
- Curenimal:** [Source code](#) — ReactJS, Node.js, Firebase
 - Spearheaded the development of an innovative animal healthcare platform, offering immediate first-aid suggestions for various injuries.
 - Incorporated soothing sounds to calm distressed animals, contributing to improved patient care and rehabilitation.
- Sparktrip:** [Source code](#) — ReactJS, Hotel Based API's
 - Architected a comprehensive hotel booking platform with an extensive database of accommodations.
 - Empowered users to effortlessly browse, book, and evaluate hotels based on ratings, prices, and visual content, revolutionizing the hospitality industry's digital landscape.
- Basic web page:** Developed a visually appealing HTML and CSS webpage for a restaurant, showcasing menu offerings and location details to attract potential customers.

CONTRIBUTION

- [Infinite Clone Conspiracy](#): Contributed as a front-end developer to an open-source event focused on fostering innovation and collaboration within the developer community.
- Hacktoberfest - Participated in Hacktoberfest, contributing to the global open-source initiative aimed at promoting diversity and inclusivity in tech.
- GirlScript (GWOC)

SKILLS

Technical Skills JAVA, HTML, CSS, JavaScript, React.js, Node.js, MongoDB, C#, .NET, MVC, PostgreSQL, AJAX, Next.js, Canva, Figma, jQuery

Soft Skills Effective Time Management, Collaborative Teamwork, Analytical Problem-Solving