Tarun Bhadauria

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EDUCATION

Maharana Pratap College Of Technology   Gwalior, MP
Bachelor of Technology (Computer Science And Engineering)   *Jul 2021 (8.6 CGPA)*

EXPERIENCE

Systems Engineer   Jan 2022 – Present
Infosys Ltd   *Gurugram, Haryana*

- Designing and Developing Web Applications: Create and implement scalable and efficient web applications using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Develop dynamic and interactive user interfaces using React.js. Implement components, state management (including Redux), and routing to create seamless user experiences.
- Utilize DOM manipulation techniques to dynamically update and modify the webpage content based on user interactions and data changes.
- Develop and maintain RESTful APIs to connect frontend and backend components. Implement API endpoints for data retrieval, manipulation, and authentication using JSON Web Token (JWT).
- Write clean and maintainable code following coding standards and best practices. Conduct code reviews and implement unit testing to ensure code quality.
- Identify and resolve software bugs, performance issues, and other technical challenges through effective debugging and troubleshooting techniques.

System Engineer Trainee   Sep. 2021 – Dec 2021
Infosys Ltd   *Mysore, Karnataka*

- Skilled in creating interactive and responsive UI components using React.js concepts such as components, props, state, and lifecycle methods
- Skilled in debugging and troubleshooting to identify and resolve software bugs and performance issues
- Capable of integrating frontend and backend components to create full stack applications

PROJECTS

StudyNotion | *ReactJs, MongoDB, ExpressJs, NodeJs ,*   Oct-2022 – Present

- ∗ Implemented user signup and login portal with secure password reset functionality.
- ∗ Node.js and Express.js are used to develop a RESTful API that handles various endpoints for user authentication, course management, data retrieval, and other functionalities.
- ∗ User Registration and Authentication: Users can create accounts, register with their email addresses, and securely log in using JWT-based authentication. bcrypt is utilized to securely hash and store passwords.
- ∗ StudyNotion provides a comprehensive course management system where instructors can create and manage courses. Students can enroll in courses, access course materials, and track their progress.

Ecom Web App | *ReactJs, NodeJs , SQL , ExpressJs*   Apr 2022 – Sep 2022

- ∗ The web app includes a comprehensive product catalog, organized into different categories and subcategories. Users can browse and search for products, view detailed product descriptions, and access product images.
- ∗ User Authentication: Users have the option to sign in using their Google accounts, providing a convenient and secure authentication process. This functionality is implemented using Google Sign-In API and OAuth2.0.
- ∗ Reviews and Ratings: Users can provide reviews and ratings for products they have purchased, enabling other users to make informed decisions.
- ∗ Integrated Razorpaypayment gateway to ensure the safe processing of customer payments.

TECHNICAL SKILLS

Languages: C,C++,JavaScript, HTML,CSS,
Tools and Platforms: Git,GitHub, Google Cloud Platform, VS Code,Vercel
Frameworks and Libraries: React.js,Node.js,MongoDB,TailwindCss,MaterialUI