

Professional Summary

Proficient Full Stack Developer with a Computer Science degree and 2.5 years of experience transforming ideas into robust MERN stack applications. Quick learner skilled in creating seamless user interfaces with React, developing secure RESTful APIs with Express.js, and managing sophisticated data interactions with MongoDB. Proven expertise in deploying scalable applications on AWS using CI/CD pipelines and automating UI testing with Playwright, consistently delivering high-quality solutions.

Professional Experience

Cognizant Technology Solutions - Jr. Software Engineer | Gurugram

Dec 2022 - Till now

- Designed and engineered RESTful APIs using Express.js and Node.js, ensuring robust and scalable data handling. Implemented JWT authentication and role-based access control, fortifying security protocols.
- Mastered complex data transactions with MongoDB, developing indexing strategies and efficient data querying techniques that significantly enhanced system reliability and performance.
- Brought new features to life by transforming and integrating data in React.js, utilizing hooks and context API to optimize code reusability and elevate frontend performance and user experience.
- Crafted visually stunning and responsive user interfaces using React. Leveraged Redux for state management, ensuring code quality, modularity, and peak performance.
- Pioneered CI/CD pipelines using Jenkins, Docker, and Kubernetes, automating testing and deployment processes. This facilitated seamless code integration and significantly streamlined our workflow.
- Successfully deployed web applications on AWS, optimizing performance and scalability through services like EC2, S3, Lambda, and RDS, and utilizing AWS CloudFormation for infrastructure as code.
- Automated end-to-end UI testing with Playwright, devising comprehensive test suites and parallel execution strategies. This led to a 50% reduction in manual testing time and boosted deployment frequency by 20%, ensuring high-quality software release.

Cognizant Technology Solutions - Intern | Gurugram

Oct 2022 – Dec 2022

- Developed SQL and PL/SQL expertise for effective database management and complex query resolutions.
- Enhanced proficiency in C++ programming and Unix operating systems.
- Designed and developed a Student Report Card Generator application, illustrating the ability to turn academic concepts into practical software applications.

Skills & abilities

- **Languages & Frameworks:** ReactJS, NodeJS, Express, JavaScript, HTML/CSS, Groovy
- **Tools & Technologies:** Jenkins, Docker, Git, Playwright, AWS, CI/CD, Visual Studio Code, Splunk
- **Databases:** MongoDB, SQLite
- **Operating Systems:** Unix(macOS), Windows

Projects

- [Portfolio Website](#):- Everything in this website is done from scratch using only js, html and css only. Like creating wireframe, icons, buttons, animations, overlays and a progress bar that shows how much percentage of this year is completed.
- Hospital Referral and Management System:- This is a webapp where Hospitals, Doctors and Patients can provide and receive services using MERN stack.

Education

Guru Jambheshwar University of Science and Technology

Hisar, Haryana

2018 - 2022

Bachelor of Technology in Computer Science (B.Tech CSE)

GPA: 7.4/10

Apex Public School

Fatehabad, Haryana

2016 - 2017

High School Diploma | 12th | 84%

Certifications

- **AWS Certified Cloud Practitioner**
Certification ID: F67H7E6C0M441ZSY
Validation link <https://cp.certmetrics.com/amazon/en/public/verify/credential>