

EDUCATION

Master of Science (M.S)- Computer Science (August 2024 - Present)

University of Illinois, Springfield, Springfield, IL

Bachelor of Engineering (B.E)- Computer Engineering {CGPA: 7.8} (August 2018 -May 2022) *University of Mumbai, Mumbai, MH*

EXPERIENCE

NEC Software Solution India Pvt Ltd

Associate Software Engineer (November 2022 – July 2024)

- Enhanced system deployment process by developing 10+ new PowerShell scripts, which streamlined the application setup procedure and amended overall efficiency for team members managing deployments.
- Designed and implemented 4 new screens for a Single Page Application, achieving a 50% reduction in user error reports within the first month, contributing to higher user retention and satisfaction levels.
- Created comprehensive documentation detailing deployment procedures and maintenance practices for newly developed tools, resulting in onboarding times being shortened by approximately one week for future engineers joining the organization.
- Collaborated with cross-functional teams including QA engineers and product managers daily while gathering requirements for new features; initiated discussions that shaped feature enhancements which are now part of user-facing applications.
- Formulated testing protocols for new application features that increased detection of potential security vulnerabilities by three times during early stages of deployment compared to previous methods used across projects.
- Pioneered on a POC wherein pioneered a fully functional app in DotNet MAUI.
- Integrated third-party APIs into existing systems to enhance functionality, adding two major features within three weeks while maintaining high code quality standards recognized by senior developers as exemplary practice.

Startup Writer

Technical Development and Automation Testing (October 2022- November 2022)

- Established a rigorous project maintenance review system across deployment and testing teams, facilitating a 30% reduction in feature-related bugs and enhancing overall user satisfaction through improved engagement metrics and faster resolution times.
- Orchestrated a series of training sessions for the Technical Development and Automation Testing team, improving knowledge of automation tools and increasing team productivity by 30% during internship period.

PROJECTS

Application Package Manager

- Innovated a package manager for Node.js using a stateless approach, which has become the standard tool for over 30 projects, driving efficiency improvements and enhancing developer satisfaction across teams. Published the paper as well for this project.

Everest Finance Capital

- Engineered a fully responsive portfolio for Everest Capital Funds, integrating Contentful for content management; the solution is now adopted by 10 team members, facilitating efficient updates and content delivery.

Rustic Medico

- Developed a responsive and modular admin dashboard for pharmacy inventory management, featuring real-time stock tracking, automated reorder alerts, and customizable reporting tools. Implemented user-friendly interfaces for efficient data entry and retrieval, resulting in improved inventory accuracy and reduced operational costs.

SKILLS

- Programming Languages: DOTNET, Vue.js, JavaScript.
- Established a structured framework for weekly strategy sessions, engaging over 20 team members in targeted discussions; these sessions generated creative solutions, resulting in a 20% uptick in customer satisfaction ratings in just three months.
- Agile Methodology: Scrum
- Software Design: Object-Oriented Programming (OOP), Design Patterns
- Designed and executed a change management strategy that educated 10 team members on adapting to shifting project scopes, which led to an increase in project completion rates by 25% during transitional periods.

TOOLS AND TECHNOLOGY STACK USED

- Programming Languages: DOTNET, Vue.js, JavaScript, GraphQL, SQL, Powershell.
- Version Control: GIT, GitBash
- MS-OFFICE
- Project Management: Azure, Jira
- Database: SQL, MS-SQL

Accomplishments

- Certification: Microsoft Python Certification(98-381)
- Papers published: Application Package Manager