

# UDAY CHEEKATIPALLI

+1 (832) 464-5666 | [udaycheekatipalli0797@gmail.com](mailto:udaycheekatipalli0797@gmail.com)

<https://www.linkedin.com/in/uday-cheekatipalli/> | <https://uday-cheekatipalli.vercel.app/>

## SUMMARY

- Successfully led a team of front-end developers in designing, developing, and maintaining web applications using the MERN stack (React, Node.js, Express, MongoDB).
- Architected and implemented a highly scalable front-end architecture for a large-scale e-commerce application.
- Deep understanding of front-end technologies including React, React Native, Redux, JavaScript, HTML5, CSS3, Webpack, TypeScript, and creating reusable modules with AngularJS.
- Managed all aspects of the front-end development lifecycle for several high-profile projects, ensuring on-time and on-budget delivery.
- Skilled in collaborative development with back-end developers to create efficient RESTful APIs, leading to a reduction in response times and optimal performance.
- Enhanced website loading speed by 40% and reduced bounce rate by 25% through optimal tech stack selection and functionality requirements.
- Played a key part in reducing bug reports by 50% through quality analysis initiatives and comprehensive test plan development.
- Excellent troubleshooting skills and proficiency in conducting manual testing, and test-driven development (TDD).

## SKILLS

<b>Programming Skills:</b>	JavaScript, Ruby, Python, SQL, Java
<b>Frameworks and Libraries:</b>	React, React Native, Redux, JavaScript, HTML5, CSS3, Webpack, GraphQL, TypeScript, XML, AJAX, JSON, Bootstrap, NodeJS, NextJS, TailwindCSS, Rails.
<b>Methodologies:</b>	Agile Software Development. (SCRUM)
<b>Development Tools and Environments:</b>	JIRA, HTML5, CSS3, Visual Studio Code,
<b>Database &amp; Cloud Services:</b>	MySQL, SQL Server, PostgreSQL, NoSQL, AWS
<b>Others:</b>	Jira, Microsoft Excel, Confluence, MDM, SCSS, HAML, CoffeeScript.
<b>Certifications:</b>	Meta Front-End Developer - <a href="https://www.coursera.org/account/accomplishments/specialization/K56HYADR5JWX">https://www.coursera.org/account/accomplishments/specialization/K56HYADR5JWX</a>
<b>Version control systems:</b>	Git, Bitbucket.
<b>Testing and debugging:</b>	Jest, Mocha, JUnit, RSpec, Selenium.

## PROFESSIONAL EXPERIENCE

### Mckinsey & Company

Feb 2024 to Current

#### Mern Stack Developer

- Led a team of front-end developers in designing, developing, and maintaining web applications using the MERN stack, ensuring a seamless and responsive user experience.
- Spearheaded the development of new features and functionalities, enhancing overall user engagement and reducing page load times.
- Applied best practices for code reusability, maintainability, and accessibility, resulting in a robust and scalable codebase.
- Leveraged React libraries and frameworks, including Redux and React Router, to optimize UI responsiveness and streamline API call response times.
- Directed quality analysis efforts, creating comprehensive test plans and scripts, which contributed to a significant reduction in bug reports.
- Implemented machine learning algorithms to enhance personalized product suggestions, improving user satisfaction and engagement.
- Maintained detailed and thorough documentation, facilitating efficient onboarding for new team members and promoting a culture of knowledge sharing.

### Tata Group

March 2020 - Dec 2021

#### Full Stack Developer

- Led the front-end development for a range of enterprise-level applications, ensuring alignment with business goals and user needs.

- Architected and implemented a highly interactive and responsive user interface for a customer portal using ReactJS, Redux, and TypeScript, enhancing user experience and ensuring seamless navigation.
- Developed and maintained reusable components and libraries, optimizing the application's performance and reducing development time for new features.
- Integrated GraphQL to efficiently manage data fetching, resulting in more streamlined and faster data interactions between the front-end and back-end services.
- Implemented advanced state management and data caching techniques using Redux-Saga, improving the application's reliability and reducing unnecessary API calls.
- Spearheaded the adoption of Next.js for server-side rendering and static site generation, leading to improved application speed and SEO performance.
- Developed complex forms and dynamic content features with React Hook Form and Yup for validation, enhancing user interactions and minimizing errors.
- Engaged in the complete software development lifecycle, from requirements gathering and design to implementation, testing, and deployment, following Agile methodologies and participating in daily stand-ups, sprint planning, and retrospectives.
- Ensured the scalability and maintainability of code by implementing unit and integration tests using Jest and Enzyme, while also conducting code reviews to uphold coding standards and best practices.
- Integrated third-party services and APIs, such as payment gateways and authentication systems, using OAuth2 and JWT, enhancing the application's functionality and security.
- Played a key role in setting up and maintaining the CI/CD pipeline using Jenkins and Docker, automating the build, test, and deployment processes, and ensuring consistent delivery across different environments.
- Worked with backend teams to define RESTful API endpoints and optimize data flow, utilizing Node.js and Express.js for backend integration.

## Trigent

Sep 2017 - Feb 2020

### Full Stack Developer

- Played a key role in developing and maintaining multiple full-stack web applications, ensuring seamless integration between front-end and back-end systems.
- Designed and implemented a scalable RESTful API using Node.js and Express.js, enabling efficient data exchange between the client and server, and ensuring robust performance under high traffic conditions.
- Developed user-friendly and responsive front-end interfaces using ReactJS and Redux, delivering dynamic web applications with a strong focus on usability and accessibility.
- Led the development of a real-time chat application with WebSockets and Socket.io, enabling users to communicate instantly within the platform, enhancing overall user engagement.
- Architected a modular and reusable component library using ReactJS and TypeScript, improving code maintainability and accelerating the development process for future projects.
- Implemented complex data visualization features using D3.js and Chart.js, providing users with interactive charts and graphs that facilitated data-driven decision-making.
- Integrated third-party authentication services, such as OAuth2 and JWT, ensuring secure user access and improving the overall security of the application.
- Developed a robust back-end system using Node.js, Express.js, and MongoDB, handling large datasets and providing efficient database queries and transactions.
- Created and managed a comprehensive testing suite using Mocha and Chai, ensuring the reliability and stability of both front-end and back-end components.
- Designed and implemented a custom role-based access control (RBAC) system, allowing administrators to manage user permissions and access levels effectively.

## EDUCATION

### Saint Louis University - Saint Louis, MO

Master of Science in Computer Science | Graduation Date: Dec 2023

### Madanapalle Institute of Technology and Science

Bachelor of Technology in Electronics and Communication Engineering | Graduation Date: Apr 2018