

# DHIRAJ CHOITHRAMANI

+1-551-359-1079 | [chat@dhiraj.tech](mailto:chat@dhiraj.tech) | [linkedin.com/dhiraj-choithramani](https://www.linkedin.com/in/dhiraj-choithramani) | <https://dhiraj.tech/>

## EDUCATION

**Harrisburg University of Science and Technology | Harrisburg, Pennsylvania**  
M.S. in Computer Information Sciences (Software Engineering Concentration) | **GPA: 3.8 / 4.0**

Sep 2022 – Jul 2024

**University of Mumbai | Maharashtra, India**  
Bachelor of Engineering in Information Technology.

May 2015 – Aug 2019

## TECHNICAL SKILLS & CERTIFICATION'S

**Programming Languages, Frameworks, Scripting, and Markup Languages:** Java Script ES6, Typescript, React JS, Vue.js, Ionic, Redux, Next JS, Node JS, Express JS, GraphQL, HTML5, CSS3, ChartJS, Python, Selenium, Jest, React Testing Library, Enzyme, Mocha and Chai, Java, C.

**Operating Systems:** Mac, Linux, and Windows OS.

**DevOps and Cloud:** CI/CD pipelines, AWS, Docker, AWS Lambda functions, Azure, GCD, GCM, Netlify, Firebase, Ionos.

**Database:** Back4App (BaaS), Parse Server, MongoDB, Dynamo DB, MySQL, MS SQL, PostgreSQL, PL/SQL.

**Additional Skills:** Git, Bitbucket, Figma, WordPress, JIRA, Asana, Click Up, Agile, REST/SOAP API, SendinBlue, Test Burst.

## PROFESSIONAL EXPERIENCE

- Sam's Club <> Wal-Mart Stores, Inc.** Bentonville, Arkansas (Contract) **Frontend Developer** Apr 2023 – Jan 2024
  - Transformed a legacy Angular application to React using micro frontend architecture (mfe), enhancing performance, maintainability, and user experience by 40%.
  - Developed reusable React components for the UX Library, including Buttons, Checkboxes, Input Icons, and Dropdowns, increasing component reuse.
  - Integrated Tailwind CSS into React projects, streamlining styling processes and reducing development time by 25%.
  - Designed and implemented GraphQL schemas and resolvers in collaboration with backend developers, enhancing data retrieval efficiency.
  - Conducted code reviews and mentored team members, ensuring adherence to coding standards and best practices, leading to a 15% reduction in code issues.
  - Developed and executed test cases to ensure frontend code reliability, reducing bugs in production by 20%.
  - Integrated Azure Application Insights, providing analytical visibility and enhancing operational insights by 40%.
  - Collaborated with cross-functional teams to address CI/CD pipeline issues, achieving operational excellence, and reducing deployment errors by 20%.
  - Took a lead on UAT readiness findings and ensured stable environment before UAT.
  - Worked on fine tuning performance of the UI unit tests and helped optimize regular builds and reduce the overall process time.
  - Integrated Azure application insights and workbooks adding analytical visibility to vision.
  - Worked with other team members to fix any issues with CI/CD pipelines and collaborated with respective team like WCNP, Looper, Concord, Test burst to establish operational excellence for team.
- Pickrr Technologies | Gurgaon, India** **Frontend Engineer** Feb 2022 – Aug 2022
  - Been a part of the core platform team. Working directly on the product dashboard (SaaS), refactoring the existing UI with the new UI. Integrating APIs with the UI and rigorous testing, including unit tests, and integration tests to ensure the functionality and performance of the UI.
  - Used Chrome's light House extension to optimize the performance of the webpage and improve efficiency by 25%.
  - Utilized Redux for efficient state management across the application, enabling seamless data flow and maintaining global state consistency throughout the product dashboard.
  - Implemented lazy loading and code-splitting techniques in React to optimize the application's load time, resulting in a 30% improvement in user experience.
  - Developing and integrating newly onboarded client's data into the customized order tracking dashboard, and testing the different use cases for them. Reusing React Components for better performance and code readability.

**Tech Sierra, Software Developer | Mumbai, India**

Nov 2019- Jan 2022

- WeShape.world | Frontend Developer (Client)** Aug 2021 – Jan 2022
  - Led a Progressive Web Application (PWA) that connects different corporates with NGOs for CSR activities in Europe.
  - Worked on the Add to Home Screen (PWA) functionality and refactored the service worker file code to get notifications after each new deployment.
  - Developed different role-based user authentication admin pages for the stakeholders. Used Redux, Saga, and Reducers to maintain the global state of the application.
  - Created a compatible, custom client dashboard and integrated third-party app SendinBlue with the Back4App (BaaS) database for sending Newsletter's and different Campaign-related data to the 100s of users.
  - Revamped the existing code and Implemented enhancements that improved website loading time by 25% in chrome lighthouse and reduced technical debt by 30% within the first quarter. Thus, an overall increase in the website performance.
  - Performed Unit Testing on several components using Jest and react testing library, reducing the risk of component failure.
- Myxx Recipes | Full Stack Developer (Client)** Nov 2019 – Aug 2021
  - Responsible for scraping more than 20 static recipe websites and 100 plus WordPress Recipe websites using Python (3) and MongoDB (NoSQL) as a database.
  - Worked on scraping different retailers like Walmart, Kroger, Costco, Shoprite, etc. across the US and populated the database by data of all the products including price, image, SKU (storekeeping unit), sale price, etc. using Node JS and Express JS.
  - Co-ordinated directly with the C-Level executives with foresighted and crisp communication, build an automation tool for the testing of different retailers, and trace out the user login journey with Selenium and Python, therefore reducing manual effort by 50%.
  - Integrated ESLint into the existing database and minimized the risk of code errors by 25%.
  - Tested internal dashboard APIs using Mocha and Chai testing framework.
  - Worked on pulling the different types of inventory reports of millions of products from the database and presented them to the stakeholders.
  - Made Higher-order reusable components using React. Used Next JS to route them and display them on the website.
  - Analyzed data from 1000's monthly active users and used outputs to guide marketing and product strategies; increased average campaign-related products sale and increase user engagement across the platform.
  - Build different MongoDB indexes across the database for faster query retrieval and increase in database performance.

## PROJECT EXPERIENCE

### AI-Powered Resume Assistant.

- Developed a chatbot application that integrates OpenAI's language model to provide real-time responses based on my resume. Utilized Express.js for API handling and React.js for the frontend to display queries and responses about my educational background and technical skills. Deployed the application at my domain - <https://dhiraj.tech/>