

SUMMARY

- Full Stack Developer with Around 4 years of experience in **development**, **enhancement**, and **technical support**.
- Experience in all phases of **SDLC** like **Requirement Analysis**, **Implementation** and **Maintenance** and good experience with **Agile** and **Waterfall**.
- Proficient in a wide range of front-end technologies, including **HTML**, **CSS**, **JavaScript**, and modern front-end libraries/frameworks such as **React**.
- Deep understanding of generative model architectures, loss functions, and evaluation metrics and **GenAI** using **Python**.
- Strong design sensibility and an eye for detail, with a focus on delivering responsive and visually appealing **web interfaces**.
- Working Experience in building responsive and interactive **Single Page Applications (SPAs)** using **React JS**.
- Experience in developing applications using **Java**, **J2EE**, **Servlets**, **Applets** and **Restful Web Services**.
- Adapt at collaborating with cross-functional teams, to bring projects to life.
- Proficient in using **NOSQL** libraries and databases like **MongoDB** and relational databases like **SQL Server**, **PostgreSQL** and **MySQL** databases.

SKILLS

Programming Languages:	JavaScript, Python, Java, SQL
Frameworks & Libraries	React.JS, Vue.JS, Next.JS, Node.JS, Bootstrap, jQuery, JSON, XML, Rest API, Redux, AJAX, SAAS
IDEs:	Visual Studio Code, Sublime Text, Notepad++
Application Server	Nginx, Apache, Web Sphere
Databases	MySQL, MongoDB, SQL Server, PostgreSQL
Cloud Tools:	AWS, Docker, Jenkins, CI/CD
Version Control Tools/Other tools:	Git, GitHub

EXPERIENCE

Maximus Inc, USA (Remote) | Software Engineer

May 2023 – Jan 2024

- Involved in Agile Methodologies and SCRUM Process.
- Participated in developing web application UI using HTML, CSS, JavaScript and Bootstrap, React JS.
- Experience with building and training basic generative models for tasks like text generation using python.
- Utilized React to build dynamic and interactive frontend components, enhancing user engagement and interactivity.
- Improved website performance by optimizing code, implementing lazy loading, and reducing page load times by 20%.
- Worked on Angular Forms, Validations, Modules, Factory Services, DOM, Events, Expressions, Directives, Controllers, filters, HTTP Request.
- Responsible for making the dynamic pages using AJAX, JSON, and jQuery.
- Deployed and supported applications on Application and Web Servers such as Web Sphere, and Apache Tomcat.
- Leveraged AWS services to build and deploy cloud-driven web applications, optimizing scalability and availability for users across the globe.
- Conducted code reviews and performance optimization to improve website loading times and user interactions.
- Integrated third-party APIs for features such as payment processing and social media sharing, enhancing website functionality.
- Implemented code to perform CRUD operations on MongoDB.
- Ensured quality versioning with GIT and Used JIRA for tracking and Updating Project issue.
- Built and deployed computer vision models for specific applications
- Collaborated closely with cross-functional teams, including designers and backend developers, to ensure the successful delivery of projects that met both aesthetic and functional requirements.
- Understanding of popular deep learning frameworks like TensorFlow, PyTorch, and Keras, and experience with implementing basic models.

Raptors Solution, USA | Frontend Developer

Jan 2023 - May 2023

- Worked in waterfall methodologies with high quality deliverables delivered on-time.
- Developed responsive web applications using React.js, implementing reusable components and optimizing performance.
- Collaborated closely with UX/UI designers to translate design mockups into interactive and visually appealing user interfaces.
- Utilized Node.js and Express.js for server-side development, handling API requests and server-side rendering (SSR) for SEO optimization.
- Integrated RESTful APIs and GraphQL endpoints into React applications, enabling dynamic data retrieval and real-time updates.

- Developed various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and redux libraries.
- Designed a web interface using JavaScript, HTML, and CSS that takes the data and displays it to the user.
- Utilized Bootstrap components like navs, button groups, dropdowns, wells, pagination to build a responsive layout.
- Used Web services for transmission of large blocks of XML/JSON.
- Collaborated with back-end developers to ensure seamless data exchange between front-end and back-end components.
- Collaborated with DevOps teams to deploy applications using Docker and container orchestration tools like Kubernetes.
- Connected with the scrum master and the team using Jira and used GitHub for version control.

#### **Meta, Irvine | Product Developer**

**May 2022 - Dec 2022**

- Designed and developed an important application user interface (UI) for Collimation Project using React JS framework.
- Documented 100% of technical specifications and dependencies of applications in a detail-oriented manner as one of the best practices.
- Helped evolve front-end and back-end stack in JAVA.
- Enhanced overall performance of the product by 40% by using AWS cloud.
- Designed and developed the application to be responsive for application using Bootstrap (HTML5, SASS, and JavaScript).
- Experience working on scalable environments using Agile/SCRUM, Test- driven development (TDD) methodologies.
- Expertise in TypeScript, ExtJS, NodeJS, Bootstrap, Ember.JS, Microservices, and Photoshop with strong experience in developing UI applications.
- Good Experience in React.js frameworks for creating interactive user interfaces (UI's) using One-way data flow, Virtual DOM, and JSX concepts.
- Ensured the Security patchwork has implied in every step of the databases and APIs as a reliability approach.
- Used source control management system Git and Tortoise Git for version controlling mechanisms.
- Ensured design reviews with automated tests as metrics in the product roadmap.

#### **University of North Texas | Web Developer**

**Aug 2021 – Apr 2022**

- Building, designing, and maintain all websites and software applications.
- Regulating exposure to business stakeholders and executive management as well as other authorities.
- Understanding UI, cross-browser compatibility, and general web functions and standards.
- Creating solutions for identified problems or bugs.
- Communicating with colleagues, managers, and stakeholder in daily basis.
- Executing assignments with the use of web applications, scripts, and programming languages such as HTML, CSS, JavaScript, and APIs.
- Develops and validates test routines to ensure the quality of the external and internal interface.
- Planning and delivering software platforms and products across multiple organizational units across UNT.
- Designing assignments with web services like REST, SOAP, etc.
- Evaluating written code to ensure it meets company standards and is compatible with all devices.
- Maintaining a professional understanding of web development by tracking trends and participating in study groups.
- Accomplishing UNT goals by accepting ownership of new and different requests.

#### **Solver Minds, India | Software Developer**

**May 2020 - June 2021**

- Worked closely with cross-functional teams to gather requirements, contributing to the successful launch of new website features and enhancements.
- Developed reusable and efficient code using modern frontend technologies like HTML5, CSS3, JavaScript (ES6+), and frameworks such as React.
- Built RESTful APIs with Node.js to support real-time features and dynamic data retrieval in web applications.
- Collaborated with UX/UI designers to implement pixel-perfect designs, resulting in consistent visual aesthetics and user- friendly interfaces.
- Utilized Node.js to build server-side scripts for data manipulation and preprocessing.
- Implemented serverless architecture with AWS Lambda and API Gateway to handle user authentication and data retrieval.
- Conducted performance testing and optimization of Node.js applications to improve scalability and responsiveness.
- Designed and developed user interfaces using Bootstrap, ensuring consistency and responsiveness across multiple devices.
- Leveraged the power of frontend frameworks like React.js to build modular, maintainable, and scalable codebases, accelerating development cycles.
- Improved website speed and performance by optimizing images, utilizing caching, and reducing unnecessary re-renders.
- Coordinated with backend developers to design and implement APIs for seamless frontend-backend communication.
- Used GIT for version control repository across common source code used by developers.

## **EDUCATION**

### **Master of Science in Computer Engineering | Dec - 2022**

University of North Texas, Denton, USA

### **Bachelor of Technology in Computer Engineering | March - 2020**

B.S.A. Crescent Institute, Chennai, India

## **CERTIFICATIONS:**

- Python Certification of Solo Learn 2018
- Google Certification on Deep Learning with Tensor flow Training.

## **JOURNALS:**

Journal published by “Seybold Report Journals” on “Automated Smart Card Reading and Extraction System using Computational Analysis”.

## **Patent:**

Patent Awarded on AGBOT - 2019V8IS000209

This is a field of invention where present invention relates to multi-tasking robot and more particularly, the robot which works on Artificial intelligence to perform more than one agricultural task like harvesting, weeding, culling and plowing with the help of image processing and brain wave technology.