

# SHIVAJYOTHI CHIDURA

562-668-3929 • cshivajyothi123@gmail.com • LinkedIn

## WORK EXPERIENCE

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### Software Engineer - FloData CA,USA

February 2025 - Present

- Optimize the **front-end performance and scalability** of portal using **Angular, PrimeNG, and TypeScript**, leveraging **state management, lazy loading, RxJS, and responsive design** to improve UI/UX.
- Collaborate closely with UI/UX designers using **Figma** and backend engineers working with **Java and RESTful APIs** to ensure **seamless integration** and **enhance overall application stability**.
- Resolve front-end bottlenecks, reducing load times by **20%** and increasing maintainability through RESTful API optimizations, Java enhancements, and **CI/CD** pipeline integration.

### Software Engineer - Hummingbird Associates,WA,USA

July 2024 - Dec 2024

- Developed and maintained **responsive web applications** using **Angular and TypeScript**, streamlining orthodontic management workflows for over **1,000 users** and **enhancing operational efficiency**.
- Enhanced the digital experience by implementing modern **UI components** with **RxJS** and responsive design, reducing user errors by **30%** and improving client satisfaction.
- Integrated **RESTful APIs** using **Python** and optimized **SQL queries** for real-time data updates, reducing latency and improving system reliability. Deployed and maintained backend services on **AWS**, leveraging **RDS** for database management and **S3** for secure storage.

### Web Developer - Holistic Visionary, CA,USA

Jan 2024 - July 2024

- Developed and optimized custom web solutions using **Angular, TypeScript, HTML5, CSS3, and JavaScript**, enhancing lead conversion rates by **30%** through a **scalable** component-based architecture and data-driven design improvements.
- Enhanced **SEO performance** and page load speeds by implementing **server-side rendering (SSR)** with **Angular Universal**, lazy loading, and web performance optimization techniques, driving **increased organic traffic**.
- Applied responsive design principles using **Angular Material, Flex Layout, and WCAG standards** to ensure **cross-browser** compatibility, improved accessibility, and seamless user experiences across devices and platforms.

### Deloitte USI

July 2021 - July 2023

#### Software Engineer II | HTML,CSS,SQL,Git,.Net

- Worked on the automation of the access-granting process for both public and private automations, successfully **eliminating 10,000 service tickets** each year.
- Implemented a design to store and view automation plans, reducing **storage space by 40%**

#### Software Engineer I | UI Path, .Net, Angular

- Using UiPath, Simplified a procedure, **eliminating the manual addition** of thousands of forms to the application.
- Served as a **lead front-end** developer on a platform that hosted **150 automations**.
- Resolved multiple bugs** that enabled **7000 customers** to effectively work on the Application.
- Collaborated with Business Analysts from more than **5 teams** to understand the business models and goals
- Actively monitored the App Insights logs after production deployment and fixed the issues promptly, providing **30%** of the client's **error-free functionality**.

### Software Developer - Goal Street

April 2020 - Sept 2020

- Generated images of **10** malware types through **advanced image processing**, enhancing analysis capabilities.
- Built two models to classify malware families with over **75% accuracy**, boosting detection efficacy

## TECHNICAL SKILLS

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**Languages:**C/C++, Python, Java, HTML, CSS, JavaScript, PHP, TypeScript, SQL

**Technologies/Tools:** Angular, Django, MongoDB, RESTful APIs, UiPath, Node.js, .NET, Machine Learning, TensorFlow, Automation, Wordpress, Agile, Object-Oriented Programming (OOP), Software Development Lifecycle (SDLC), Frontend Development, Full Stack Development, Web Development, Algorithm Design and Analysis, Microsoft Office365, Postman, Git, Azure, Linux, Web Services, Mobile Development, Visual Studio, Windows, Data Analysis, Alteryx, Tableau, Next.js

## ACADEMIC PROJECTS

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### Quiz Buddy | Devpost

- Developed a **Webapp** that Uses APIs to retrieve course content, store it, and generate quizzes to **enhance learning**.

## EDUCATION

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### California state University,Long beach, CA, U.S.A

Aug 2023 - May 2025

Master of Science in computer science

CGPA: 3.90/4.00

### Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana

Aug 2017 - July 2021

Bachelor of Science in Information Technology

CGPA: 8.6/10.0

- Achieved **1st Place** in the Smart India Internal Hackathon, 2020 at Chaitanya Bharathi Institute of Technology.
- Acquired **1st Place** in the Hacktoberfest Hackathon, organized at our college, competing against 50 other teams.
- Secured **2nd Place** in a 12-hour Hackzone Hackathon hosted by Osmania University.