

Harshitha Naladala

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Education

Georgia State University

Master's in Computer Science (CGPA: 3.7/4.0)

Atlanta, GA

Aug 2023 - May 2025

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science Engineering (CGPA: 3.5/4.0)

Hyderabad, India

Aug 2019 - May 2023

Technical Skills

Programming Languages	: Java, Python, JavaScript, TypeScript, C++, Go, C#, C
Frontend Technologies	: HTML, CSS, Bootstrap, jQuery, React.js, Angular.js, Next.js, Three.js, Tailwind CSS, Shadcn UI, Semantic UI, Redux, JSX, Webpack
Backend Technologies	: Node.js, Express.js, .NET, GraphQL, REST
Mobile Technologies	: Flutter, Kivy
Machine Learning	: TensorFlow, PyTorch, Scikit-Learn, pySpark, OpenCV
Databases	: PostgreSQL, MongoDB, SQL Server, Firebase Realtime Database
DevOps & Cloud Services	: Docker, Kubernetes, AWS, Terraform, Grafana
Version Control	: Git/GitHub, JIRA
Software Tools	: VS Code, Eclipse, Jupyter, Figma, Vercel, AJAX, JUnit, Cypress
Office Tools	: Word, Excel PowerPoint

Professional Experience

Full Stack Developer - Graduate Research Assistant

Atlanta, GA

CETLOE (Georgia State University)

Aug 2023 - Present

- Engineered an advanced admin dashboard using **JavaScript**, **React**, **HTML**, **CSS** and **Node.js**, enhancing user experience with **responsive design** via CSS Flexbox and Grid, and achieved 95% code coverage using **Jest** for robust testing.
- Developed interactive forms with **React Hook Form** and **Yup**, and refined FERPA-compliant data tables using **Material-UI** for efficient course management.
- Improved application performance by 73% through strategic data fetching and caching with **Tanstack Query** (React Query) as part of my research assistant duties.
- Led the Front-End Development of a student portal, enabling course access, material submissions, and quizzes, increasing student engagement by 40% using **JavaScript** and **React**.
- Implemented secure authentication and authorization protocols, reducing unauthorized access by 85% and safeguarding data.
- Crafted an efficient data management framework using **React Context**, which improved the accuracy of log tracking and shortened server response time by 46%, enabling faster access to critical course information.
- Managed tasks and workflows using **Jira** to ensure timely completion of research deliverables.

Software Developer Intern

Hyderabad, India

Soulpage IT Solutions

Aug 2022 - May 2023

- Increased manager tracking efficiency by 54% through the development of the **Hugo Attendance Tracker**, featuring a responsive and intuitive UI built with **HTML** and **Bootstrap**, ensuring seamless cross-device usage.
- Developed scalable back-end REST APIs using **Python** and **Django REST Framework**, implementing **POST**, **PUT**, **GET**, and **DELETE** operations, seamlessly integrated with **PostgreSQL** for efficient data management and reliable performance.
- Systematized attendance management by integrating leave balances and project tracking, improving team oversight by 63% and reducing manual intervention.
- Led system testing and debugging efforts as part of the co-op program, identifying and resolving critical performance bottlenecks, which enhanced application reliability by 35% and minimized downtime.

Projects

Revent: A Social Networking Platform

Oct 2022

- Spearheaded Revent's creation with **React** and **Redux**, attracting over 4,000 active users. Integrated **Google Maps** for easy event navigation.
- Enhanced platform security and data flow with **Firestore**, supporting 1,500 concurrent users at peak without performance dips.
- Improved interface aesthetics and usability using **Semantic UI**, boosting user retention by 30%.

LMS Learn: Streamlined Online Learning Platform

May 2024

- Constructed "LMS Learn" using **React.js**, **Tailwind CSS**, and **Shadcn UI**, achieving 99.9% uptime and sub-100 ms response times for optimal user satisfaction.
- Configured a robust backend with **Node.js** and **Express**, enhancing data handling and reducing server response time by 40%. **MongoDB** was utilized to support over 50,000 daily transactions with minimal latency.
- Employed **React Context** for efficient state management across the platform, ensuring fluid user experiences even during peak loads.
- Integrated **Cloudinary.js** to cut media load times by 30%, and **PayPal.js** to halve transaction processing times, boosting efficiency.