Sai Sravan AB

📍 Cincinnati, OH ✉ absaisravan@gmail.com 📞 513-462-3722 💼 LinkedIn ⌨ github.com/sravan127 📁 **Portfolio**

EXPERIENCE

University of Cincinnati   August 2023 — December 2024
Graduate Assistant   *Cincinnati, OH*

- Mentored **50+ students** in bi-weekly Object-Oriented Programming and **front-end development** workshops, using collaborative exercises to improve practical coding skills and understanding of software development principles.
- Guided 5 student teams of 4 through practical sessions focused on microservices and front-end technologies, utilizing HTML/CSS, JavaScript and **React**; 100% of students passed the practical sessions.
- Aided faculty in projects on cloud technologies, leveraging **Docker** and **Kubernetes** to deploy scalable containerized applications and contributed to 3+ presentations on cloud best practices.

EPAM Systems   January 2022 — July 2023
Software Engineer | Client: EBSCO Information Services   *Hyderabad, India*

- Developed User interfaces with a focus on **responsive design**, delivering a consistent experience across diverse screen sizes. Resolved **15+ front-end bugs** per sprint, improving code stability and reducing user-reported issues.
- Created reusable **UI component libraries** with **Storybook**, including 25+ components that reduced development time by 30% across projects.
- Leveraged **Next.js** for static site generation, enhancing load times and **SEO** performance while employing tools like **Webpack** and **Babel** to optimize the development workflow.
- Managed complex application states using **Redux** and **Context API**, seamlessly integrating **RESTful** and **GraphQL APIs** for data retrieval and user interactions.
- Collaborated in an internal project with a team of 6 developers, reducing delivery time by 25% through **50+ code reviews** and team engagement, accelerating feature releases.
- Enhanced user experience by refactoring **JavaScript** code and reducing browser-specific bugs by 60%, and optimizing performance with techniques like **lazy loading** and **code minification**.
- Executed **WCAG accessibility standards** to enhance usability for individuals with disabilities, remediating **15+ accessibility defects** and improving user experience.
- Collaborated with UI/UX designers to implement 40+ **UI features** using **React**; utilized **Git** for version control to facilitate collaborative development and code review processes.
- Orchestrated error handling strategies and debugging practices, resolving **200+ front-end errors** annually and cutting issue resolution time.
- Engineered and maintained automated testing workflows using **Jest** and **Cypress**, reducing production bugs and achieving **90% test coverage** across critical user flows.

PepCoding   September 2021 — January 2022
SDE Intern   *Noida, India*

- Designed and implemented **responsive UI components** for an interview preparation platform using **React**, resolving the three largest causes of user interface glitches within the first week, according to user feedback.
- Directed **front-end testing** and resolved 15 critical **front-end bugs** by executing rigorous performance tests and enhancing the overall stability of the interview platform.
- Leveraged **analytics** to enhance platform features, leading to **a 200% increase** in daily active users, a boost in user satisfaction scores and improved **overall performance**.

TECHNICAL SKILLS

- **Languages**: JavaScript, TypeScript, HTML/CSS, Python.
- **Frontend**: React, Next.js, Angular, Tailwind CSS, Redux/Context API, React Query, Responsive Design, Web Accessibility.
- **Backend**: Node.js, Express.js, REST/GraphQL APIs, Serverless (Firebase).
- **Testing**: Jest, Cypress, Mocha, React Testing Library.
- **DevOps**: Git, Docker, CI/CD (GitHub Actions), Vercel/Netlify.
- **Tools:** Postman, Chrome DevTools, Webpack/Vite, Turborepo, Lighthouse (Performance 90+).
- **Additional Skills**: Agile/Scrum, UI/UX Design, Web Performance Optimization, Linux.

EDUCATION

University of Cincinnati   August 2023 — December 2024
Master of Science in Information Technology | GPA: 4.0/4.0   *Cincinnati, Ohio*

Guru Nanak Institutions   July 2018 — July 2022
Bachelor of Technology in Information Technology | GPA: 3.72/4.0   *Hyderabad, India*