

ARJUN ALLURI

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EDUCATION

Indiana University Bloomington	May 2024
<i>Master of Science in Computer Science</i>	<i>GPA: 3.76</i>
B V Raju Institute of Technology, India	June 2022
<i>Bachelor of Technology in Computer Science and Engineering</i>	<i>GPA: 3.8</i>

TECHNICAL SKILLS

Programming Languages	Python, Java, PHP, JavaScript, SQL, TypeScript, C#, C/C++
Tools	Git, Jira, Kubernetes, Linux
Full Stack Development	React, HTML5, CSS, Flutter, Flask, Node.js, Android, Ajax, Django, Flask, GraphQL, Firebase

WORK EXPERIENCE

HealthTech Solutions	May 2023 - Aug 2023
<i>Software Developer Intern</i>	<i>Frankfort, KY</i>

- Involved in migrating legacy software to React, achieving a 30% reduction in latency while modernizing the user interface; used core React libraries like React Router and React Context for seamless transitions and state management.
- Designed and implemented reusable React components, dynamic form builders, drag-and-drop interfaces, and data visualization charts, resulting in a 25% decrease in codebase size.
- Collaborated closely with designers, business stakeholders, and developers, leveraging tools like React Storybook for prototyping. This collaboration led to a 20% increase in user engagement.

OpenText	Aug 2021 - Feb 2022
<i>Software Engineer Intern</i>	<i>Hyderabad, India</i>

- Resolved latency issues in real-time user notifications by adopting AWS Lambda and SQS. This transformation changed the previously synchronous notification delivery into an asynchronous system, resulting in a 25% reduction in the error rate.
- Utilized AWS CodeDeploy and CDK for streamlined A/B testing, improving deployment flexibility and accelerating feature releases by 20%.

CyberMedha	Feb 2021 - Apr 2021
<i>Mobile Application Developer Intern</i>	<i>Hyderabad, India</i>

- Assisted in designing and building a mobile application specifically crafted for streaming. Leveraged CDN, Gzip compression, and adaptive bitrate streaming to enhance content delivery to users.
- Spearheaded the development and integration of an m3u8 server, ensuring consistent, high-quality streaming for over 10,000 users.

PROJECTS

Blogging website using React

- Created a university-centric blogging website that cultivates a community where students can contribute and exchange stories, tips, and perspectives about their educational endeavors and campus experiences.

Morse Watch using Artificial Intelligence

- Developed a watch with AI and IoT capabilities, featuring an S-Morse dictionary for code-to-voice conversion and SVM-based gesture recognition to assist people with disabilities.
- Integrated cloud text communication seamlessly, converting data to Morse code vibrations and speech via an Android app.