**SUMMARY**

Arjun Alluri

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Dynamic software engineering graduate with internship experience in full-stack development and cloud technologies. Proficient in Python, Java, JavaScript, and React, consistently optimizing software performance and enhancing user experience. Skilled in version control systems like Git, containerization with Docker, and orchestration with Kubernetes for streamlined development processes. Seeking a software engineering role to leverage technical expertise in high-demand languages and tools, collaborate within cross-functional teams, and drive impactful projects for organizational success.

**SKILLS**

**Programming Languages** Python, Java, PHP, JavaScript, SQL, TypeScript, C#, C/C++, .NET

**Tools and Technologies** Linux, Docker, React, HTML5, CSS, Flutter, Node.js, Ajax, GraphQL, Selenium, Git, Kubernetes, Flask, Jira, Django

**Databases** PostgreSQL, MySQL, MongoDB, Firebase

**EXPERIENCE**

# Software Developer Intern

HealthTech Solutions

May '23 — Aug '23 Frankfort, United States

Migrated legacy software to React, reducing latency by 30% and enhancing the user interface. Demonstrated effective communication by collaborating with stakeholders. Exhibited team collaboration in cross-functional teams for a smooth transition to React.

Engineered and optimized reusable React components resulting in a 25% reduction in codebase size, enhancing development efficiency and maintainability.

# Software Engineer Intern

OpenText

Aug '21 — Feb '22 Hyderabad, India

Transformed real-time user notifications, adopting AWS Lambda and SQS, reducing error rates by 25%.

Implemented AWS CodeDeploy and CDK for streamlined A/B testing, enhancing deployment flexibility and accelerating feature releases by 20%.

# Mobile Application Developer Intern

CyberMedha

Feb '21 — Apr '21 Hyderabad, India

 Designed and built a mobile application for streaming, incorporating CDN, Gzip compression, and adaptive bitrate streaming for improved content delivery.

 Spearheaded the development and integration of an M3U8 server, ensuring consistent, high-quality streaming for over 10,000 users.

**PROJECTS**

AI-Powered Resume Optimization Engine [Link](https://github.com/ArjunAlluri/Resume-match)

 Developed a innovative web application using Python and Flask, boosting user's job application success rates by 20%. Employed advanced NLP techniques to analyze resumes and job descriptions, resulting in 30% improvement in skill alignment.

Automated resume editing, dynamically adding missing skills from job descriptions, enhancing suitability for positions by 25%.

Integrated AI algorithms for intelligent resume analysis, leading to 40% increase in tailored applications for maximum impact.

Designed an intuitive user interface with features for resume uploads, skill matching, and polished resume downloads, resulting in 95% increase in user satisfaction

Wi-Fi Strength Android Application [Link](https://play.google.com/store/apps/details?id=com.frag.WiFi&hl=en_US&gl=US)

 Developed a Android app, available on the Google Play Store, allowing users to assess Wi-Fi signal strength. The app garnered over 10,000 downloads, demonstrating effective mobile app development and user engagement strategies.

 Implemented innovative signal processing algorithms to analyze Wi-Fi signal quality, resulting in a 40% increase in app downloads and a 20% boost in positive user reviews.

**EDUCATION**

**Master’s in computer science,** Indiana University Bloomington (GPA: 3.8)

Relevant Coursework: Applied Algorithms, Advanced Database Concepts, Data Mining, Mobile Application Development, Software Engineering, Applied Machine Learning, Computer Networks.

Aug '22 — May '24 Bloomington, United States