Anish Parepalli

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EDUCATION

University of North Carolina Chapel Hill   Chapel Hill, NC
Bachelor of Science in Computer Science   ***Aug. 2022 – May. 2026***
3.8 CS GPA

SKILLS

Languages: Python (Strong), Java (Intermediate), C (Intermediate), HTML5 (Proficient), CSS3 (Proficient), JavaScript (Proficient), R (Proficient)
Developer Tools & Frameworks: AWS, Kubernetes, Docker, Firebase, React, WordPress, Jira
Courses: Data Structures and Algorithms, Systems Fundamentals, Linear Algebra, Software Engineering Laboratory
Interests: Hackathons, Soccer, Taekwando, Fintech, AWS, Gaming, Azure, Statistical Analysis, Microsoft Excel, Microsoft Word

EXPERIENCE

Software Engineer Intern   *Aug. 2023 – Aug. 2024*
Computer Science + Social Good   *Chapel Hill, NC*

- **Increased record retrieval efficiency by 40%** by creating a Filter-UI to filter records based on tags, utilizing **Python** and **React** while using **Rest APIs** for data management
- **Reduced onboarding time by 60%** by automating user onboarding in Firebase, generating random passwords, and sending login credentials via email.
- **Enhanced team collaboration and code quality** by orchestrating weekly stand-up meetings, providing code updates, and leading code reviews, facilitating knowledge sharing and problem-solving.

Software Engineer Intern   *Jul. 2023 – Aug. 2024*
UNC School of Medicine   *Chapel Hill, NC*

- Developed over **15 responsive web pages** for UNC Labs using **HTML5**, **CSS3**, and **JavaScript**, incorporating customized user requests to meet specific design and functionality needs.
- **Resolved 100+ technical issues within 24 hours for 98%** of cases, by providing prompt and effective technical support to users.
- Enhanced web content structure and aesthetics by implementing modern CSS3 features, including **Flexbox** and **CSS Grid**, to create visually appealing and well-organized layouts.

Technical Support Analyst   *Jul. 2022 – May 2023*
UNC School of Biology   *Chapel Hill, NC*

- **Achieved near-perfect resolution of technical issues within 24 hours** by providing support to a user base of over 500 individuals with a wide range of technical problems.
- **Ensured seamless system security and user access** by managing and maintaining Active Directory user accounts, group policies, and security permissions.
- **Increased employee workflow efficiency by 20%** by spearheading the efficient setup of desktop and laptop systems, installing essential software like Microsoft Office, and establishing network connections.

PROJECTS

The Pastebin + URL Shortener | *PasteBin + URL Shortener*   *Feb. 2025*

- Developed a web-based Paste Bin and URL Shortener using **Python** and **RESTful API** design principles.
- Deployed the application on **Kubernetes OKD**, leveraging **oc** for cluster management.
- Users can **shorten long URLs** and retrieve the original URLs using unique short codes. Users can also create, store, and retrieve **text snippets** via unique paste IDs.

Personal Website for Teacher | *Website*   *Dec. 2023*

- Created a Personal Website for a Teacher using **JavaScript, HTML, CSS,** and **Bootstrap** and hosted the website on **Github-Pages**.
- **Implemented responsive design** to ensure seamless viewing across devices by utilizing **Bootstrap's grid system** and **custom media queries**.