Isha Paliwal

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EDUCATION

The George Washington University, School of Engineering & Applied Science **Washington, DC**
Master of Science in Computer Science **May 2025**
GPA: 3.9

TECHNICAL SKILLS

- **Software/Web Development:** Proficient in Angular, HTML5, CSS3, Bootstrap, JavaScript, ECMAScript 6, TypeScript, & React.
- **Backend Development:** Expert in Node.js, Express.js, REST APIs, Java, Python, C++, and C.
- **Testing & Deployment:** Proficient in Karma & Jasmine.
- **Database & Server Tech:** Knowledgeable in MySQL, Oracle, and LAMP Stack.
- **Operating Systems:** Accomplished in Unix, Linux, and Windows.
- **Software & Tools:** Postman, SonarQube, Git, AWS, ServiceNow, JIRA, and Jenkins.
- **Data Management:** Data Structures, Algorithms, Web/Mobile App Development, and Agile Methodology.

RELEVANT WORK EXPERIENCE

Mokxa Technologies, LLC **Columbia, Maryland**
Software Developer Intern **Jan 2024 - Present**

- Engaged with **Clients: Ernst & Young Global Limited, Democratic Party of Virginia**.
- Constructed a loan application system for EY Group, designed to handle 100+ applications monthly, with capacity to increase process efficiency by 25% through automated document uploads and multi-tiered approval workflows using JavaScript.
- Led frontend development of the Vote Builder application for the Democratic Party of Virginia, built to enable canvassing and surveying of over 50,000 residents, with potential to restructure voter outreach by 30%.
- Synthesized OpenStreetMaps for boosted voter mapping and tracking, capable of revamping canvassing route optimization by 40% and allowing creation, storage, and retrieval of 500+ turfs.
- Designed a user flow aimed at reducing user navigation time by 15%, overhauling engagement and streamlining user interactions across application.

HCL Technologies Limited **Bangalore, India**
Senior Software Developer **January 2022 - August 2023**

- Pioneered development and enhancement of HCL Enterprise Content Management and Communication Engine projects, tailoring solutions for 4 major insurance sector client **Tenants: Aviva plc, Chesnara plc, Phoenix Group Holdings plc, and ReAssure**.
- Spearheaded enhancement of HCL Enterprise Content Management system, resulting in 30% revised user accessibility by integrating custom controls into document viewer.
- Executed a seamless transition of two major applications from Angular material to PrimeNG, strengthening application robustness and user experience.
- Led unit testing initiatives, attaining 98% test coverage with Jasmine & Karma; augmented CI/CD processes by integrating projects with SonarQube, accomplishing 20% faster build and deployment times.

Infosys Ltd **Pune, India**
Senior Systems Engineer **September 2019 - December 2021**

- Innovated and developed responsive single-page applications, serving over 10,000 users daily for **Client: The Boeing Company**.
- Spearheaded requirement analysis, deriving solutions for over 50 change requests monthly in Java and Angular.
- Drove maintenance activities, achieving a 95% bug resolution rate and 25% improved code performance.

CERTIFICATIONS

- AWS Academy Cloud Architecting.
- AWS Academy Cloud Foundations.