Diya Khilnani

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EDUCATION

Virginia Tech, Blacksburg, Virginia
Bachelor of Science in Computer Science, *August 2021 - May 2024*
GPA: 3.9

WORK EXPERIENCE

Associate Software Engineer, CoStar Group, *July 2024 - Present*
- Spearheaded a **full-stack automated** release management system using the **Azure DevOps API**, reducing code release time across **50+** repositories by **30%** by enabling **parallel** deployment workflows
- Engineered scalable backend services in **C#/.NET Core** and **ASP.NET Core**, designing and documenting **RESTful APIs** with **Swagger**
- Enhanced user experience by delivering responsive **React/Node.js + Typescript** frontend applications.
- Consistently delivered **2–4 full-stack features** per sprint, driving an increase in productivity and improving workflows for **800+** clients.
- Optimized data management and retrieval using **SQL Server**, improving query performance and supporting scalable application data needs.
- Created a reusable **integration testing repository** to standardize testing practices across company codebases, deepening understanding of **backend architecture** and **project structure**.

Technology Intern, CoStar Group, *June 2023 - August 2023*
- Enhanced task management for **1,500+** researchers by implementing **tagging functionality** in CoStar's internal **CRM system**
- Built and extended features using **React + Typescript**, integrating **Jodit editor API** for advanced text box tagging
- Leveraged **Microsoft Graph API** to automate notifications to tagged individuals
- Collaborated directly with stakeholders to gather feedback and align development with business needs, gaining insight into product impact

PERSONAL PROJECTS

Personal Website
- Created a custom visual design in **Canva**, including layout, color scheme, and typography
- Developed using **Next.js** and **Tailwind CSS**; Hosted on Vercel
- Features my portfolio and plan to support a blog engine

LEADERSHIP

HackViolet Sponsorship Director, Virginia Tech, *August 2023 - May 2024*
- Lead the sponsorship team of a **student-run non-profit hackathon** focused on **addressing the gender gap** in technology
- Secured **6+** sponsors and raised **$20K+** by pitching the event's mission and serving as the primary point of contact for companies

SKILLS

Programming Languages

JavaScript, C#, SQL, Java, Python, C, C++