

Saima Ahmed

Washington D.C. | 4432516279 | saima.ahmed.2528@gmail.com | [Portfolio](#) | [Github](#) | [Linkedin](#)

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML, CSS

Frontend: React.js, Angular, TailwindCSS, GSAP, Framer Motion, Shadcn, Anime.js, Shopify Liquid/ Hydrogen, Figma

Backend: Spring Boot, Next.js, Node.js, Express.js, PostgreSQL, MongoDB, Supabase, Prisma

Deployment: Vercel, Netlify, Firebase, Shopify Oxygen

AI/Automation: n8n, OpenAI API, Cursor, Warp

Certifications: AWS Cloud Practitioner, Azure Fundamentals

EDUCATION

University of Maryland College Park, MD

Aug 2019 - Aug 2025

B.S. Computer Science

PROFESSIONAL EXPERIENCE

Schneider Electric

Software Engineer, Nashville, TN

Jan 2024 – March 2025

Skills: Salesforce CRM, Salesforce Service Cloud Voice, Java, Springboot, JavaScript, React, Bootstrap, SQL, Microsoft SQL Server, Azure, XML, Windows Troubleshooting

- **Lowered energy costs by 12%** by developing React web dashboards for IoT data fed from Microsoft SQL Servers to visualize real-time and historical power data for individual customer sites.
- **Improved query speed by 35%** by optimizing Spring Boot APIs and SQL queries across Azure SQL/Blob Storage.
- **Increased customer uptime to 99.8%** by delivering on-call support and hotfixes via Salesforce Service Cloud Voice under SLA constraints.
- **Accelerated device onboarding** by troubleshooting Modbus/Ethernet IoT devices through firmware updates and driver debugging.
- **Generated 10 new software and on-site contracts per quarter** by bringing in sales leads and managing CRM pipelines within Salesforce.
- **Enabled data scalability for hybrid on-prem/cloud deployments** by collaborating with DevOps and product teams on architecture improvements.

Clearhaven Technologies

Full Stack Engineer, College Park, MD

April 2023 - Oct 2023

Skills: Node.js, Express.js, React.js, EJS, Pug, AWS Lambda, API Gateway, DynamoDB, Fetch API, Ubuntu/Linux, Git, REST

- **Improved page render speed by 20%** and reduced duplicate front-end views by 40% by refactoring React + EJS/Pug templates.
- **Cut read latency to under 150 ms** by deploying a serverless AWS backend with DynamoDB, Lambda, and API Gateway.
- **Passed security audit with zero critical findings** by implementing HTTPS, IAM least-privilege, and validation standards.
- **Increased integration success rate to 95%** by standardizing REST API contracts and introducing request tracing.

Disney Media and Entertainment Distribution ESPN

Software Engineer Intern, Bristol, CT

May 2022 - Aug 2022

Skills: Agile, Jira, Scrum, SQL, Java, AWS, Apache, ETL Modernization

- **Doubled data throughput** by modernizing ETL pipelines from Snowflake to AWS Redshift.
- **Reduced event latency by 2 seconds** by implementing Kafka + Flink streaming jobs for ad revenue dashboards.
- **Delivered real-time data processing** for ad performance analytics, used daily by ESPN finance teams.

University of Maryland Resident Life Department

Website Developer, College Park, MD

Feb 2020 - May 2022

Skills: HTML, CSS, Bootstrap, React.js, Drupal, JavaScript, AWS S3, Google Analytics, Web Accessibility Compliance WCAG

- **Enabled staff to publish 5× faster** by standardizing Drupal CMS workflows.
- **Improved site load times by 30%** by building responsive UIs with React + Bootstrap.
- **Reduced server downtime** by deploying the backend using AWS EC2 and S3.
- **Achieved full WCAG accessibility compliance** for student and staff portals.

PROJECTS

Developer Blog + Custom Component Library

Creator

[Live](#)

- Compile Notes/Resources/Tutorials for Full Stack Web Developers + AI Agent Developers
- Shares/Sells custom websites, widgets and components built using CSS, TailwindCSS, React.js

Photography Portfolio

Developer

[Live](#)

- Website for displaying Photography and Videography Content
- React, TailwindCSS, Framer Motion, GSAP, Vite, Github Pages

DocBot

Developer

[Live](#)

- Web Interface for training and creating specialized RAG agents
- Next.js, Supabase, OAuth, Netlify, LangChain, OpenAI, Cheerio