

# Sonish Sasidharan

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## EDUCATION

**The George Washington University, School of Engineering & Applied Science**

**Washington, DC**

**Master of Science in Computer Science**, *Specialization in Machine Learning Cognition*

**Aug 2023 - May 2025**

*(Awarded SEAS Merit Scholarship for exceptional academic performance)*

**Sathyabama Institute of Science and Technology**

**Chennai, Tamil Nadu, INDIA**

**Bachelor of Science in Computer Science**

**Aug 2017 - May 2021**

## TECHNICAL SKILLS

- **Programming and Web Technologies**: Java, Python, C/C++, HTML/CSS, SQL, Bootstrap, React JS, NodeJS
- **Developer Tools**: Mongo DB, Postman API, GitHub, VS Code, PyCharm, Git, IntelliJ, Eclipse, Jupyter
- **Technologies**: Linux, macOS, Windows, Microsoft Office suite, Linux, obsidian
- **Media Tools**: Adobe, DavinciResolve, Instagram-(Blogging, Photography, Content Creation)

## RELEVANT WORK EXPERIENCE

**Accenture**

**Chennai, Tamil Nadu, INDIA**

**Full Stack Developer**

**February 2022 - June 2023**

- Designed and implemented scalable APIs, while also overseeing daily management of portal to address service requests from clients promptly and to ensure smooth operations
- Utilized AWS cloud services to efficiently manage over 200 billing requests from clients within a week, ensuring scalability and reliability while exceeding client expectations
- Engaged in front-end and back-end development to optimize portal dynamically, adapting to more than 1000 incoming datasets and refining features for functionality

**George Washington University School of Nursing**

**Ashburn, VIRGINIA**

**Student Academic Assistant**

**May 2024 - Present**

- Managing and organizing 100+ confidential and sensitive student data in Smartsheet, scheduling meetings, and communicating between students, faculty, and administrative staff to enhance departmental efficiency
- Delivering comprehensive technical assistance, live proctoring assessment for 10+ students, including troubleshooting issues related to software, hardware, and online learning systems
- Identifying and implementing enhancements in advising and accessibility processes to improve experience for students with disabilities, while streamlining departmental operations for over 150 students

## TECHNICAL PROJECTS

**Private AI | LLAMA, Generative AI, PowerShell**

**February 2024 - March 2024**

- Modified a pre-trained AI model with 2 trillion tokens of machine learning data to develop a proprietary generative AI chatbot, fine-tuned model for optimal performance within a secure on-device environment, and ensured robust functionality and privacy in AI-driven interactions
- Utilized the Retrieval-Augmented Generation method, enabling a large language model to access over 10 user-supplied databases leading to enhanced responses by generating relevant, context-aware information and more accurate and precise outputs in AI-driven interactions
- Operates offline on a local host, safeguarding your sensitive data, assist in debugging code, and tracking journals, data and documents for boosted organization and productivity

**Portfolio Website | React JS, HTML, CSS**

**February 2024 - March 2024**

- Built a customized portfolio website showcasing a commitment to innovative design and artistic expression, resulting in a 40% increase in online visibility and a 25% boost in client inquiries within six months
- Integrated artistic endeavors with captivating UI/UX designs and interactive functionalities on a website, tailored for diverse platforms, resulting in a 30% increase in user engagement and a 20% boost in overall site traffic

**Weather Forecast Website | Crystal, HTML**

**October 2023 - November 2023**

- Provided precise weather monitoring in a 20-mile radius, empowering users with accurate and actionable data
- Offered real-time weather management, rainfall predictions, geolocation selection, weather alerts, and agricultural insights