

Gayathri Pendyala

+1 540-557-8499 | Blacksburg, Virginia

<https://github.com/GayathriPendyala> | pendyalag3@gmail.com | [linkedin.com/in/gayathrip08/](https://www.linkedin.com/in/gayathrip08/)

Education

Virginia Polytechnic Institute and State University

Masters in Computer Science and Applications; 3.9/4

Blacksburg, USA

January 2023 – December 2024

Anurag Group of Institutions

Bachelor of Technology, Computer Science and Engineering; 9.52/10

Hyderabad, India

August 2015 – April 2019

Technical Skills

Programming Languages: C#, C++, Python, Java, C, jQuery, JavaScript

Web Technologies: React.js, Node.js, Angular, ASP.NET, Webforms, TypeScript, Express.js, ADO.NET, HTML5, CSS3, REST API

Databases: SQL Server, MongoDB.

Development Tools: Azure, Git, Visual Studio, Jira, Azure DevOps Server(TFS), ServiceNow, Raspberry PI.

Business Intelligence/Automation Tools: PowerBI, Power Automate, Power Apps, UiPath Studio, UiPath Orchestrator

Work Experience

Graduate Assistant

August 2023 - Present

Virginia Tech, Finance Information Technology

Blacksburg, Virginia

- * Led the web development and maintenance of critical university web applications, employing **.NET technologies**, which led to a **30%** reduction in processing time and a **20%** cut in operational costs through the implementation of **3 RPA** projects.
- * Led the development and deployment of an exceptionally efficient Nagbot Project resulting in a remarkable **20%** reduction in processing time using UiPath
- * Modified and optimized **VB.NET** code to enhance applications functionality and performance.
- * Proficient in **Microsoft Power Platform**, developing and implementing solutions using **Power BI** for data visualization, **Power Apps** for custom application development, and **Power Automate** for workflow automation, resulting in streamlined processes and enhanced reporting capabilities.
- * Managed the Content Management System for routine updates to the university website and consistently addressed and resolved related **ServiceNow** tickets.

Software Engineer

July 2019 - December 2022

Tata Consultancy Services

Hyderabad, India

- Expertise in developing applications using Microsoft technologies including **.NET framework (4.0/3.5/3.0)**, **ASP.NET**, **WCF**, and **XML Web services**, with strong code writing and debugging skills.
- Developed a critical application using MVC, Entity Framework, and **RESTful APIs**, handling **10,000+** daily users and improving data retrieval speed by **20%**.
- Automated manual processes for creating proposals and generating reports, resulting in a **25% reduction in turnaround time**.
- Implemented frontend features using React, enhancing user experience and ensuring responsive design across various devices.
- Utilized foundational Azure cloud technologies and services such as Virtual Machines (VMs), Azure Storage, and Azure Networking in full stack application development and deployment, with version control using Git..
- Earned the '**Contextual Master**' award at Tata Consultancy Services for developing an automation solution that streamlined the proposal creation process, reducing manual input time by **25%** and increasing team productivity.
- Secured the '**On the Spot**' award from Tata Consultancy Services for pivotal contributions to a high-stakes project, which resulted in a **20%** improvement in **project delivery time** and enhanced **client satisfaction ratings** by **30%**.
- Effectively communicated technical concepts to non-technical stakeholders in an Agile environment, ensuring clear understanding and achievement of project goals.

Web Application Developer - Intern

April 2019 - June 2019

BYJUs

Hyderabad, India

- Developed and optimized **SQL queries**, and created views to efficiently retrieve and manage data within web-based applications.
- Implemented **stored procedures** to integrate database objects into web applications, improving system performance and data handling.
- Understanding the feasibility of the functional requirements specified in the Specification.

Projects

Easy Hire:

Technology/Hardware stack: MongoDB, Express.js, React, Node.js, HTML5, CSS, Jira, Git

Addressed traditional career fair inefficiencies by replacing the first-come, first-serve model with a structured, pre-screened process, revolutionized career fair logistics with the Easy Hire platform, increasing recruiter-candidate match quality by 60% and reducing average wait times from 2 hours to 30 minutes.

Daily Connect:

Technology/Hardware stack: Android studio, Jira, Git

Led the Android Studio development of a mobile app prototype featuring movie ticket booking, user authentication, and a modular design for future airline and grocery booking expansions