

Shushital Roy

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Detail-oriented and proactive computer engineering graduate with over 6 years of combined internship and professional experience. Proficient in .Net C#, SQL, Python, and JavaScript programming languages. Experienced in working with relational databases such as PostgreSQL, SQL Server, and Cloud Development on both AWS and Azure platforms, while holding a Microsoft Azure Fundamentals certification. Continuously enhancing technical skills through collegiate courses and personal projects. A dependable and accountable team collaborator.

SKILLS

- **Languages:** Python, C#, Java, SQL, JavaScript
- **Technologies:** ASP.Net, Angular, PostgreSQL, AWS, Azure, Git
- **Other:** Git, API Design, Relational Database, Unit Testing, Manual Testing

WORK EXPERIENCE

Full Stack Developer • Full-time

May 2021 - Present

Levio Inc.

Oakville, ON

- Developed multiple custom .NET Web API's with optimized API design, resulting in seamless integration and improved financial analysis processes for the business
- Designed and executed a data migration procedure for healthcare information through Python, AWS, and Pandas, achieving secure and efficient transmission of sensitive data
- Leveraged AWS S3 and Azure Blob Storage for cloud object storage, utilized AWS CodeCommit and Azure Repos for source code management and developed serverless scripts using AWS Sagemaker and Azure Functions

Web Developer • Internship

Jun 2020 - Sep 2020

Real Decoy

Ottawa, ON

- Customized and implemented new features and bug fixes for a large-scale health database system using PHP and JavaScript, optimizing performance and enhancing user experience through rigorous testing and debugging
- Utilized project tracking tools, including JIRA, to effectively manage and prioritize ongoing bugs and issues reported by clients
- Developed numerous test cases, including verifying the correct parameter passing when adding new products to the inventory system

Software Tester • Internship

Sep 2019 - Dec 2019

Blackberry Ltd.

Waterloo, ON

- Performed thorough testing on a custom Blackberry app, using methods like disrupting the sync process with the database and making changes to evaluate resilience and pinpoint possible errors
- Gave thorough explanations of steps causing key mistakes, including collecting and sending error logs for quick fixing, which helped stop bugs from being released to clients

CERTIFICATIONS

Azure Fundamentals

Apr 2024 - Present

Microsoft

PROJECTS

Basketball Player Analysis

Jul 2024 - Present

- Developed a dynamic web app with Python to visualize NBA player stats, incorporating nba_api for live data access
- Used PostgreSQL for reliable data storage and management, ensuring efficient processes for inserting and retrieving data to manage player stats and game logs
- Performed data analysis and visualizations in Jupyter Notebook, using Pandas to create interactive and easy-to-understand visual representations of player performance metrics

BASc in Computer Engineering

University of Ottawa

Ottawa, ON • Sep 2016 - Apr 2021