Aanand Aman

647-409-9357 | yamit058@gmail.com | linkedin.com/in/aanand058 | github.com/aanand058

EDUCATION

Seneca Polytechnic   Toronto, ON
Computer Programming and Analysis   *May 2022 – Aug. 2024*

TECHNICAL SKILLS

Languages: Java, C/C++, SQL, JavaScript, HTML/CSS, Google Apps Script
Frameworks: React, Node.js, Next.js. FastAPI, Tailwind CSS
Developer Tools: Git, Docker, VS Code, Visual Studio, Visual Paradigm, Eclipse, Scene Builder, Android Studio
Databases: MongoDB, SQL, PL/SQL

EXPERIENCE

Software Developer Intern   Aug. 2024 – Dec. 2024
Kash4me   *Ottawa, ON*
- Engineered cross-browser/device frontend testing for 15+ devices, ensuring 100% responsive design and reducing UI-related bugs by 25%
- Contributed to a microservices architecture, decoupling monolithic systems to enhance scalability and decrease API latency by 20%
- Deployed AWS cloud infrastructure (EC2, ECS, S3, DynamoDB, Cognito) to streamline authentication flows, optimize storage, and support 2k+ monthly users
- Automated CI/CD pipelines (GitHub Actions), integrating unit testing to achieve 90% test coverage and reduce deployment failures by 35%
- Orchestrated Docker-based containerization and AWS ECS, accelerating release cycles by 40% through automated deployments triggered by Git tags

PROJECTS

Automated Secure Access Log Archival | *AppsScript, Google Drive API, Task Scheduler, Google Sheets*
- Developed a Google Apps Script solution to automate daily downloads of secure access logs from a web portal and archive them in a designated Google Drive folder
- Integrated with Google Drive API for secure file handling and appended log metadata into a Google Sheet for centralized reporting
- Leveraged Google Apps Script time-driven triggers and system Task Scheduler to ensure consistent, hands-free daily execution

Parking Management Application | *Java, JavaFX, MySQL, Eclipse*   Aug. 2024
- Designed a robust multi-threaded Java server application for parking management, enabling efficient handling of concurrent user requests
- Implemented advanced admin tools to search guests by email, phone, or ID and export data for comprehensive reporting
- Built an automated billing system, increasing transparency and reducing checkout time by 20%

Fragments Microservice | *JavaScript, HTML, CSS, AWS, CI/CD, Docker, Git*   Jan 2024 – April 2024
- Developed a scalable microservice to manage IoT data, ensuring seamless integration across IoT devices and web platforms
- Leveraged Docker for containerization, improving portability and reducing infrastructure setup overhead
- Enhanced deployment processes using CI/CD pipelines on AWS, reducing deployment time by 30%

Assembly-Line-Simulation | *C++, STL, Data Structures and Algorithms, MS Visual Studio*   April 2023
- Designed an inventory management system for assembly line simulation using object-oriented principles
- Utilized STL algorithms to process and manage data efficiently, reducing computational overhead
- Ensured robust memory management, leading to a 20% improvement in system reliability during operations

Metropolitan Museum of Art Collection | *JavaScript, HTML/CSS, React, Next.js, RESTAPI*   April 2023
- Developed a React-based interface for searching, viewing, and saving favorite artworks, enhancing user engagement
- Built user authentication features, ensuring secure access and personalized app functionality
- Integrated REST APIs to retrieve and display data dynamically, improving load times and app responsiveness