Dennis Baksheev

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EDUCATION

Seneca Polytechnic   **Toronto, Ontario**
Ontario College Advanced Diploma in Computer Programming and Analysis   *Expected Graduation, June 2024*
- **GPA:** 3.82/4.00,
- **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Game Engine Foundations, Software Analysis and Design, Advanced Database Services, Web Programming for Apps and Services, Cloud Computing, Mobile App Development, IBM Business Computing

EXPERIENCE

Seneca Polytechnic   **Toronto, Ontario**
IT Service Desk Representative   *May 2023 – Jan 2024*
- Provided comprehensive technical support and advanced troubleshooting for a wide range of college IT systems.
- Collaborated effectively with the IT team in ongoing efforts to enhance system functionality and user experience.
- Assisted in the development, maintenance, and regular updating of detailed technical documentation and user guides.
- Provided IT support to professors, swiftly resolving technical issues in lab settings to ensure minimal disruption.

PROJECTS

Fragments UI & Microservice
- Developed a CRUD full-stack web app using Nginx, Node.js/Express.js, for diverse data management and operations.
- Employed Docker and AWS for efficient containerization and high-performance deployment and orchestration.
- Implemented Docker Compose for Fragments, DynamoDB Local, S3 LocalStack with GitHub CI/CD integration.
- Conducted in-depth Fragments API testing using Hurl, with DynamoDB for metadata and Amazon S3 for data storage.

BookWorm Web App
- Created BookWorm app using Node.js/Express.js, EJS, and Google OAuth for secure book search and list management.
- Integrated Google Books API to enhance searching capabilities, enabling access to a vast library of books and authors
- Employed MongoDB, Mongoose, EJS, and Axios to enhance BookWorm's functionality and user experience.

Show Biz - TV Production Management App
- Created 'Show Biz,' an ASP.NET app built with C# for TV production, with role-based access and multimedia uploads.
- Implemented show, actor, and episode CRUD operations in 'Show Biz' with Entity Framework and Azure hosting.
- Enhanced 'Show Biz' app by incorporating rich text for actor bios, episode details, and integrated media uploads.

Personal Portfolio Website
- Launched a responsive personal portfolio website using JavaScript, React, HTML, and Tailwind CSS on Netlify.
- Presented career achievements with interactive features like smooth scroll, social links, custom fonts, and gradients.
- Managed the entire project lifecycle from initial concept, design, and coding to deployment and ongoing updates.

Python-Pygame Chess Game
- Created an engaging two-player chess game in Python-Pygame featuring an interactive GUI and move highlighting.
- Enabled player-centric functionalities such as undo moves and game resets, enriching player experience and strategy.
- Integrated advanced gameplay features such as checkmate/stalemate detection and move log for enhanced gameplay.

3D Arkanoid Game
- Developed a 3D Arkanoid game in C++ using OpenGL, revitalizing the classic arcade experience with 3D graphics.
- Implemented responsive interactive controls and advanced collision mechanics for a dynamic gaming experience.
- Incorporated detailed texture mapping and endgame challenges, elevating visual appeal and gameplay complexity.

SKILLS

Languages: Java, Python, JavaScript, C, C++, C#, SQL, HTML/CSS
Tools: IntelliJ, Eclipse, VS Code, Visual Studio, Android Studio, Git, Docker, AWS, MongoDB, Nginx, IBM I, Agile, GitHub
Libraries/Frameworks: React.js, Node.js, Next.js, Express.js, ASP.NET, Entity Framework, Mongoose, Passport.js, Bootstrap