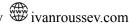
# **Ivan Roussev**

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Education

British Columbia Institute of Technology | Vancouver B.C

Computer Information Technology

Relevant Courses: Cloud, Algorithms, Database Systems, Database Admin, Linux, CI/CD, Enterprise Networking, Web Server Admin, UX/UI, Information Security

## Work Experience

Software Engineer Intern

Accelbyte

September 2023 –

Present

- **Engineered** and Implemented a **concurrent Go** worker to manage pending game sessions to designated server with a timeout mechanism that automatically disbanded matchmaking if the minimum player threshold was not met within the specified timeframe
- o Utilized Go to manipulate MongoDB databases through REST APIs, ensuring efficient data handling for the gaming platform.
- o Automated the integration of **Docker images** with **AWS** using **Jenkins** and **Amazon Elastic** Container Registry (ECR), optimizing the build and deployment pipeline
- o Monitored Grafana logs and graphs to proactively identify and resolve errors, contributing to the stability and reliability of the gaming services.

### **Projects**

Car Maintenance Logger | Full Stack Website | Source Code

Go | React | PostgreSQL | Docker

- Implemented CRUD REST API requests in the backend to postgres database, optimizing performance and ensuring efficient communication with the frontend.
- Engineered secure user authentication using Paseto to safeguard sensitive information and hashing user passwords before inserting into database.
- o Utilized **SQL** database: **PostgreSQL** for efficient data storage **normalization**, ensuring seamless retrieval and management of user and maintenance records.
- Containerized using docker and hosting deployment on AWS using EC2, RDS and S3
- Task Manager System | Backend App | Source Code

Go | MongoDB | Docker

- Developed an app to keep track of Tasks using **Go** to manipulate **mongoDB** database using CRUD methods.
- Integrated and connected REST API to Swagger to vizualize and create user friendly UI for performing CRUD requests
- Utilized MongoDB for data storage, ensuring a scalable and flexible database solution for efficient and quick retrieval of tasks.
- Personal Website | Source Code

React | HTML | CSS

- Designed and developed a personal portfolio website using React and CSS to showcase my skills
- Ensured a responsive design to optimize the website for various devices, showcasing adaptability and user-centered design principles.

#### Certificates



## AWS Certified Cloud Practitioner - Amazon Web Services (AWS)

• Issued Nov 2023 - Expires Nov 2026

#### **Technical Skills**

Languages: Go, Python, JavaScript, SQL, CSS, HTML

Libraries/Frameworks: ReactJS, Flask Databases: MySQL, MongoDB, PostgreSQL Developer tools: Postman, Git, Linux, Bash, Jenkins

Containerization: Docker, Kubernetes

Cloud/Web Server: AWS, Azure, Terraform, Apache, Nginx