David Turner, CET

St. John's, NL | 709.730.5135 | davidbrockturner@outlook.com | LinkedIn | Software Developer Portfolio

Full Stack Software Developer

HIGHLIGHTS OF QUALIFICATIONS

- Full Stack Software Developer experienced in Java, JavaScript (HTML & CSS), React.js, React Native, Node.js, and Python
- Skilled in database development (SQL, MongoDB) and REST API integration, following Agile methodologies with Git-based version control
- Strong communicator adept at collaborating with teams to ensure timely project delivery
- Proficient in business analysis, problem-solving, and project coordination within software development environments
- Results-driven self-starter with exceptional organizational and multitasking skills
- Actively pursuing AWS Cloud Practitioner certification to expand expertise

TECHNICAL SKILLS

Programming Languages:	Python, Java, and JavaScript
Web Technologies:	HTML(5), CSS(3), Tailwind CSS, Web API (REST)
Frameworks and Libraries:	React.js, React Native, Node.js, Express, and Jest
Databases:	MySQL, PostgreSQL, and MongoDB
Tools:	GitHub, Azure DevOps, Jira, Figma, and Trello
Cloud:	AWS (Cloud Practitioner in Progress), Citrix, SharePoint
Methodologies:	Safe Agile (Product Owner, Scrum Master, team member)

KEY PROJECTS

OmniPlace (In Progress)
A centralized marketplace application for rental and resale listings, designed for seamless buyer-seller interactions.
- **Backend:** Developed a RESTful API with Node.js and Express for user accounts, listings, and messaging, using PostgreSQL for data storage and OAuth 2.0 for secure authentication
- **Frontend:** Built a user-friendly interface with React Native, integrating dynamic REST API endpoints
- **Collaboration:** Streamlined version control and team coordination using GitHub
- **Technologies:** Node.js, Express, PostgreSQL, OAuth 2.0, React Native, Figma

Hairstylist Website (In Progress)
A responsive website for a local hairstylist, providing seamless service bookings and showcasing transformations and pricing details.
- **Frontend:** Designed a responsive interface with React and Vite, featuring dynamic hero slides and a flexible gallery layout. Integrated a "Book Now" link to the Vagaro booking site
- **Collaboration:** Tracked development tasks using GitHub Project boards
- **Technologies:** React, Vite, Tailwind, Figma

Document Library Application (In Progress)
A mobile application enabling employees to securely access SharePoint documents offline.
- **Backend:** Planned endpoints with Node.js and Express for document storage, categorization, and search. Proposed integrating Microsoft Graph API and Azure Active Directory for authentication
- **Frontend:** Designed a cross-platform interface in React Native with search functionality and collapsible navigation
- **Collaboration:** Engaged stakeholders to ensure features align with business needs.
- **Technologies:** Node.js, Express, React Native, Realm, Microsoft Graph API, Azure Active Directory

QR Code Resume Generator
An application to create QR codes linking to resumes and social profiles, enhancing professional visibility.
- Developed a command-line tool using Python for dynamic QR code generation
- Planned future enhancements for integrating a web-based interface
- Focused on scalability and ease of use for diverse audiences
- **Technologies:** Python, qrcode library
- **GitHub Repository:** ResumeAndSocialQR

David Turner, CET
St. John's, NL | 709.730.5135 | davidbrockturner@outlook.com | LinkedIn | Software Developer Portfolio

Portfolio Website
A redesigned personal portfolio highlighting professional experience, key projects, and technical capabilities.
- Built using React and Vite with Tailwind CSS for a clean, responsive layout
- Features light/dark mode toggle, interactive project cards, and a contact form powered by Netlify Functions
- Integrated nodemailer backend for secure form submissions
- Deployed via Netlify with CI/CD triggered by GitHub
- **Technologies:** React.js, Vite, Tailwind CSS, Node.js, Netlify, GitHub
- **GitHub Repository:** Portfolio Website

Movie Finder API
A full-stack movie database search engine application with multi-database support
- Developed a RESTful API supporting PostgreSQL and MongoDB for efficient data retrieval
- Implemented multi-database querying logic and session-based authentication
- **Technologies:** Node.js, Express, PostgreSQL, MongoDB, dotenv.
- **GitHub Repository:** Movie Finder API

PROFESSIONAL EXPERIENCE

Software Development – Business Analyst   2023 (Nov) – 2025 (Jan)
Keyin College, St. John's / NL
- Conduct comprehensive requirements gathering with internal stakeholders to identify opportunities for improvement and utilize workflow diagrams to visualize challenges and proposed solutions
- Collaborate with business and development teams to build customized solutions focused on enhancing productivity and accuracy, while gaining exposure to automated testing for improved software quality
- Lead the analysis, review and cleansing of data to ensure data integrity and alignment with internal system integrations
- Work closely with vendors to integrate activity flows and customize templates for seamless data transfer, ensuring critical information is captured while reducing manual interventions across departments
- Support project management by tracking progress, managing resources, and implementing feedback mechanisms for continuous system enhancement

Instructor – Certified Secure Computer User (CSCU) Microcredential   2023 (Aug) – 2024 (Jan)
Learning Labs (Keyin College), St. John's / NL
- Delivered EC-Council Certified Secure Computer User (CSCU) microcredential to six cohorts, preparing students for certification in cybersecurity fundamentals
- Customized course delivery with real-world examples, interactive discussions, and hands-on exercises
- Developed tailored practice assessments to identify knowledge gaps and improve exam readiness
- Encouraged collaborative learning to enhance critical thinking in cybersecurity concepts

Software Development - Student Support Lead / Peer Tutor   2022 – 2023 (Nov)
Learning Labs (Keyin College), St. John's / NL
- Provided coding support in Python, JavaScript, React.js, Java, and Node.js, coached student teams in sprint planning, and assisted instructors with academic support to help students succeed

Other Roles
- **2019 - 2021: Project Estimator / Coordinator – DF Barnes Fabrication**
- **2019 - 2019: Manager of Operations and Business Development – BioMaxx Environmental**
- **2018 - 2019: Financial Advisor – Freedom 55**
- **2007 - 2017: Quality Manager, Inspector, Quality Coordinator – DFB Driver / JV Driver**
- **2003 - 2007: Environmental Engineering Technologist – EBA Engineering Consultants**

EDUCATION, TRAINING, CREDENTIALS, AND CERTIFICATIONS

Full Stack Software Development Program
Diploma from Keyin College   2022 – 2023

Environmental Engineering Technology
Diploma from SIAST Palliser Campus   2002 - 2004

Certifications: Certified Engineering Technologist   2003 – Present

Credentials: AWS Academy Cloud Architecting   2023 – Present
                 AWS Academy Cloud Developing   2023 – Present
                 AWS Academy Cloud Foundations   2023 – Present