Dan Groleau

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Portfolio: ddgroleau.github.io/portfolio

Professional Summary

Energetic self-starter ready to develop intuitive applications and systems. Well-versed in object-oriented and functional programming principles; experienced in the consumption and creation of REST APIs; educated in relational database design and best practices. Army veteran and part-time graduate student with over five years' professional experience.

Key Competencies

- React
- Node.js
- JavaScript (ES6)
- SQL
- HTML5
- CSS3
- REST APIs
- Git/Github
- MySQL
- PostgreSQL
- SQL Server (MSSQL)
- MongoDB (NoSQL)
- SAP & Oracle ERP, BI
- MS Power BI, Power Automate, Excel

Education

MBA, Business Analytics

Ohio University
Athens, OH   *2020- 2022*

- GPA: 4.0; Expected graduation May 2022.
- Relevant Coursework Completed:
  - *Descriptive Analytics*
  - *Business Intelligence*
  - *Strategic Use of Information Systems*

BA, Political Science

University of New Hampshire
Durham, NH   *2012-2016*

- President, Corps of Cadets, UNH Army ROTC, 2016

Certified Associate in Project Management (CAPM)

Project Management Institute
Expires March 2025

- Demonstrated understanding of Agile methodology.

Secret Clearance, (DoD)

Expires October 2023

Military Achievements

Achieved rank of Captain (O-3). Graduate of the US Army Ranger School, Armor Basic Officer Course, Reconnaissance Course, and Airborne School.

Experience

Supply Chain Planner / Buyer   *May 2020 – Present*
Arrow Electronics Inc.   *Centennial. CO*

- Manages sourcing and procurement for $75mil+ business sector.
- Designed and implemented predictive analytics forecasting model (MS Power BI, SQL) for critical customer account, improved on-time delivery by 13%.
- Developed and deployed email automation application (JavaScript, HTML, CSS) for ten-person team; improved manual order speed by 50%.
- Built and deployed Excel application which improved order processing speed / worst-case runtime by an exponential percent (from $O(n^2)$ to $O(n)$).

Senior Analyst, Supply Chain   *Nov 2018 – May 2020*
United States Army   *Fort Carson, CO*

- Managed analytics development and reporting for 600+ personnel organization. Presented analytical models to executive leadership.
- Architected complex deliverable for critical project, which automated scheduling and managed over 200,000 components through end-of-life processes.
- Developed relational data management system consisting of over $120mil of Army property; improved data integrity and reduced loss by over $900,000.

Project Manager, Operations   *Feb 2018 – Nov 2018*
United States Army   *Eastern Europe*

- Led 26-person team in information collection and reporting during nine-month deployment. Managed high-stakes deliverables within intelligence cycle.

Analyst, Supply Chain   *May 2016 – Nov 2018*
United States Army   *Fort Carson, CO*

- Managed and created material forecasts for expendable supplies and training resources. Presented operations analytics data to upper management.

Projects

Etsy Business Page   (Etsy API, Gmail API, React, Node.js, MongoDB)
A prototype marketing website built for a small business. It features visualizations of product listing data from the Etsy API, persistent data storage with MongoDB, buyer/seller communication via the Gmail API / Nodemailer, and is fully responsive on mobile and desktop. (candles-store.herokuapp.com)

Support Request Application   (JavaScript, Node.js, MySQL)
Half project management app, half ticket system/issue log, providing users a collaborative environment in which they can assign each other tasks called "Support Requests". (support-request-application.herokuapp.com)

"Know-CS" Application   (React, Node.js, PostgreSQL)
A quiz app featuring over 50 questions on computer science concepts, algorithms, and data structures. Questions stored persistently via PostgreSQL; app is fully responsive on mobile and desktop. (know-cs.herokuapp.com)