DAN GROLEAU

ddgroleau@gmail.com • (603) 913-3026 • linkedin.com/in/dangroleau • github.com/ddgroleau

SENIOR SOFTWARE ENGINEER

Senior full-stack software engineer with an extensive background in web development. Leads teams in the delivery of high-quality software using continuous integration / continuous delivery. Skilled in the development of microservices, multi and single-page applications, and REST APIs. Open-source contributor, former US Army Captain, MBA (Business Analytics); promoted three times in 18-months at current organization; serving in a nominal Tech Lead position today.

SKILLS

Software Engineering • Web Development • Continuous Integration / Continuous Delivery (CI/CD) • Microservices
Frameworks (.NET, Spring, Laravel, Next.js, Bootstrap, Material UI) • Libraries (React, Redux, jQuery) • Containerization
Programming (C#, JavaScript, TypeScript, SQL, NodeJS, Java, PHP, PowerShell, Bash, SASS/SCSS/CSS3, HTML5) • Docker
DevOps (AWS, Azure) • Kubernetes • Content-Management Systems (CMS) • Authorization/Authentication (OAuth)
Relational Databases (SQL Server/MSSQL, MySQL, PostgreSQL) • NoSQL Databases (MongoDB) • Ecommerce Systems
Object-Oriented (OOP) & Functional Programming • Test-Driven Development (TDD) • Model-View-Controller (MVC)
Single-Page-Application (SPA) • Extract, Transform & Load Processes (ETL) • User Interface/User Experience (UI/UX)
Responsive Web Design • Representational State Transfer (REST) APIs • Operating Systems (Linux, Unix, Windows)
Project Management (Agile/Scrum, Kanban, Waterfall) • Graphical Tools (Figma, Adobe)

EXPERIENCE

SENIOR SOFTWARE DEVELOPER | *Tivity Health*   2021 – Present
- Serves as senior full-stack software developer, engineering complex solutions that support critical enterprise clients.
  → Serving as nominal Tech Lead, managing a team of four developers to deliver high-quality software. Promoted three times in first 18-months, starting at junior-level and progressing to senior developer.
  → Leading delivery of three enterprise consumer-facing applications (complex e-commerce and healthcare platforms) which serve thousands of users daily.
  → Architected microservice health-monitoring application supporting 600+ employees and 30 applications; Enabled real-time notification of unplanned downtime.
  → Exponentially improved asymptotic runtime of search feature from $O(n^2)$ to $O(n)$; Doubled performance rating and improved SEO and Accessibility scores by 30% for an enterprise application and website respectively.

ASSET SPECIALIST II | *Arrow Electronics*   2020 – 2021
- Constructed internal purchasing applications as a complement to Oracle purchasing software.
  → Improved on-time delivery by 35%; improved purchase order & invoice processing speed from $O(n^2)$ to $O(1)$.

SENIOR ANALYST | *United States Army*   2016 – 2020
- Developed analytical models and built presentations and reports for executive-level leadership.
  → Led teams of 90+ employees. Promoted to Captain and rated #1 of 26 peers; US Army Ranger School graduate.

EDUCATION

MBA, BUSINESS ANALYTICS | *Ohio University* | *4.0 GPA*
BA, POLITICAL SCIENCE | *University of New Hampshire* | *3.6 GPA*