Gregory M. Engler

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Eager and motivated software developer. Quick to learn new technologies. Passion for solving problems and building interesting applications. Proven leader and enthusiastic team player.

Projects: http://gregengler.com/projecthome.html   **GitHub:** https://github.com/gmengler

Education and Training

Colorado State University, May 2010
   Bachelor of Arts, History
   Awarded Army ROTC scholarship
U.S. Army Flight School,
October 2010 – January 2012
   Qualified Helicopter Pilot – UH-60A/L Black Hawk
Skill Distillery, January 2017 – May 2017
   Full-Stack Java Development Student

Certifications

CompTIA Security+
Scrum Fundamentals

Software Proficiency

Languages
Java, JavaScript, HTML5
CSS3
Technologies
Spring MVC, REST
AJAX, JSON, JPA, JPQL
JDBC, Maven, Gradle
Eclipse, NetBeans, AWS
MySQL, PostgreSQL
Swing, Linux

Frameworks/Libraries
AngularJS, jQuery
Bootstrap
Web Application/Server
Apache, Tomcat 5+
Testing
JUnit
Version Control
Git, GitHub, CVS

Software Development Experience / Training

ITEC, Software Engineer, July 2017 – Present
Subcontracted to Raytheon
- Provide user requirements analysis, design, and programming support on Java based mission critical software.
- Development on new full-stack web application utilizing Java, PostgreSQL, and Tomcat.
- Refactor existing code to more object oriented design.
- Practice Agile methodologies with daily stand-ups, three week sprints, and team demos.

Skill Distillery, January 2017 – May 2017
- 16 Week immersive, hands-on program studying full stack Java development.
- 60-70 hours a week spent in lecture, labs, and weekend projects, both individual and group.
- Regularly practiced paired programming and became familiar with Agile methodologies.

Featured Projects:

Midterm Group Project – frügal, Week 10
   GitHub Repository: https://github.com/gmengler/JPAMVCProject
   Project: http://gregengler.com:8080/MVCMidtermProject/
- CRUD (create, read, update, destroy) project which allows users to manage their bills and contribute to a shared "frugal" account
- Backend technologies: Java, JPA with Spring MVC and Gradle managed dependencies
- Frontend technologies: JSPs and JSTL/EL along with HTML, CSS, and Bootstrap
- Database was created using MySQL and MySQL Workbench

Final Group Project – ꜱᴛᴀꜱʜʟʏ, Week 14/15
> **GitHub Repository:** https://github.com/gmengler/stashly
> **Project:** http://www.mystashly.com/
> - Application where item collectors can keep track of their collectables and check their current market value on eBay using the eBay API
> - Users can also view the initial purchase price of their item calculated with the current inflation rate
> - Backend technologies: Java, JPA, Spring REST, and Gradle managed dependencies
> - Frontend technologies: JavaScript, jQuery, AngularJS, HTML, CSS, Bootstrap, and ChartJS
> - AJAX was used to consume data from RESTful web services asynchronously
> - Database was created using MySQL and MySQL Workbench

Work experience

Casella Waste, Operations Manager Trainee, September 2015 – January 2017
- Utilized company routing software to reroute entire frontload line of business in Auburn, MA. Resulted in ~10% increase in productivity, drastic improvement in service, and opened market for growth.
- Suggested upselling to sales representatives when opportunities arose.
- Conducted numerous route audits, identifying and rectifying route and customer issues.

Craftsy, Supply Chain Coordinator, January 2015 – June 2015
- Tracked purchase orders across four different categories with 50+ vendors from the time the purchase order was confirmed until they reached our warehouse.
- Facilitated vendor relationships for new category expansions.
- Coordinated with buyers to build and enforce tailored compliance standards.

Craftsy, Customer Support Associate, April 2014 – January 2015
- Led department in number of help requests answered while maintaining satisfaction standard (96%+).
- Troubleshot and resolved technical issues with users.
- Team lead for issues involving mobile devices.
- Won department group "innovation challenge" building a central knowledge base for various customer issues.
- Volunteered to assist product development and engineering teams in testing various website features.

Aviation Officer, Colorado Army National Guard, August 2010 – September 2015
Deployed to Kuwait in support of Operation Enduring Freedom, September 2012 – June 2013

Platoon Leader, April 2013 – September 2015
- Platoon leader of 20+ soldiers; responsible for unit motivation, conflict resolution, communicating objectives, and performance reviews.
- Maintained $40 million in aircraft and equipment resulting in 100% readiness.
- Troubleshot technical issues relating to aircraft and radio equipment.
- Maintained schedules to ensure compliance with regulations for crew rest and maintenance were met while still meeting mission requirements.

Operations Officer, May 2012 – April 2013
- Supervised three soldiers processing mission requests while monitoring current operations.
- Facilitated mission requests by working with customers, mainly VIPs, and coordinating with numerous entities to ensure all their requirements were satisfied.
- Tracked/monitored 34 aircraft and six ground assets throughout nine countries resulting in zero dropped or late missions.
- Assigned missions to flight companies through extensive knowledge of our customers, typically VIPs, and our unit capabilities.

Volunteer Experience

Dumb Friends League Animal Shelter, October 2013 – August 2015
     Photographer and dog walker
Bethesda-Chevy Chase Rescue Squad, 2005 – 2007
     EMT/Firefighter