Neal Amundsen

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Summary	• Experienced software engineer with the aptitude, energy, and desire to enhance the right company's services and talent. I have ten years of professional engineering experience and fifteen years of development & security training. I have held a hands-on leadership position for the past six years within the tax industry.

Skillset

- Dev
  - C# = 10 yrs.
  - Full Stack .NET = 10 yrs.
  - HTML/CSS/JavaScript = 10 yrs.
  - Scheduler Quartz .NET = 7 yrs.
  - Angular.js = 7 yrs.
  - PHP = 3 yrs.
  - C/C++ = 2 yrs.
  - VB.NET = 2 yrs.
  - Node.js = 1 yr.
  - Telerik = 1 yr.
  - Java = 1 yr.

- DevOps
  - Octopus Deploy = 6 yrs.
  - TeamCity = 6 yrs.
  - GitHub Actions = 1 yr.
  - Jenkins = 1 yr.
  - Terraform = 1 yr.
  - YAML = 1 yr.
  - Kubernetes = 1 yr.

- Methodologies
  - Agile (Scrum) = 10 yrs.
  - Scaled Agile Framework (5.1) = 1 yr.

- Cloud/Host
  - IIS = 10 yrs.
  - Apache = 3 yrs.
  - Amazon AWS = 2 yrs.
  - Microsoft Azure = 1 yr.

- Data
  - MSSQL Server = 10 yrs.
  - SSIS/SSRS = 10 yrs.
  - MySQL = 2 yrs.
  - Dynamics CRM = 1 yr.

- Architecture
  - Legacy Monolith Upgrade Design = 7 yrs.
  - Microservice Design = 3 yrs.
  - High Availability (HA) 99.999% Design = 2 yrs.
  - Disaster Recovery = 1 yr.

- Security
  - Secure Coding, Remediation, Risk Analysis, & Pen Testing = 7 yrs.

- Leadership
  - Subject Matter Expert & Lead = 6 yrs.
  - Software Engineering Manager = 1 yr.

- Certs
  - NIST Certified (Pen. Tester/Info Assurance)
  - Security+
  - CNSSI-4012 Cert
    - National Information Assurance Training Standard for Senior Systems Managers
  - NSTISSI-4011 Cert
    - National Training Standard for Information Systems Security Professionals
  - NSTISSI-4015 Cert
    - National Training Standard for Systems Certifiers

- Soft Skills
  - Self-Starter
  - Swift Learner
  - Detail Oriented

Experience	**Software Engineering Manager**	Not Disclosed	*02/22 – Present*

- Collaborates with Product Owners & Product Managers to develop technical roadmap.
- Breaks down technical roadmaps into specific projects / sprints based on priorities.
- Works closely with architecture, UX/UI, and engineering to ensure delivered products are in alignment with the corporate strategy and engineering best practices.
- Collaborates on key decisions on technologies and tools required for development.
- Lead research and evaluation efforts of emerging technologies and trends to ensure that the best techniques and tools are used for development.
- Drives increased efficiency across the teams, eliminating duplication, leveraging product and technology reuse, and commonality.
- Toolset: .NET Framework, .NET Core, Entity Framework, Angular.js (v1), Node.js, jQuery.js, SQL Server, TFS, GIT, DevOps (Jenkins & Octopus Deploy), Quartz Scheduler, Java, Kubernetes, & SQL Reporting.

Senior Software Engineer | MetaBank | *01/17 – 2/22*

- As a subject matter expert (SME) of the Meta Tax Platform (MTP) I provided year-round support, project planning, DevOps/infrastructure management, peer & senior team mentorship, documentation, partner relations management, automated testing, stakeholder relations management, executive relations management, and dry humor.
- In-between the above I also served as a Senior Software Engineer and develop significant product updates for 20+ applications that encompass the entirety of MTP.
- As core component of the MetaBank Tax Division I served as the cornerstone of the daily operations, direction, and development of the Meta Tax Platform.
- Toolset: .NET Framework, .NET Core, Entity Framework, Angular.js (v1), Node.js, jQuery.js, SQL Server, TFS, GIT, DevOps (TeamCity & Octopus Deploy), Telerik Reporting, & SQL Reporting.

Software Engineer | Berkshire Hathaway GUARD Ins. | *04/16 – 12/16*
- Created a modern insurance web application that utilized back-end legacy insurance services. The back end primarily handling underwriting, auditing, and insurance operations across the company.
- Migrated custom Delphi source control software (pre-2000s) over to GIT.
- Toolset: .NET Framework, Entity Framework, Angular.js (v1), Node.js, jQuery.js, SQL Server, Delphi, GIT, & Azure.

Software Engineer Lead | Huntzinger Management Group | *05/15 – 04/16*
- Created a clinic management web application that conformed to HL7 and ICD10 and integrated with legacy medical services.
- Mobile web application used internationally for 40+ clinics tracked patients within the office & managed all clinical operations effectively eliminating all paper records.
- Toolset: .NET Framework, Entity Framework, jQuery.js, SQL Server, Telerik, GIT, Citrix, & Azure.

Software Engineer | Monitoring Solutions | *10/14 – 11/15*
- Developed Continuous Emissions Monitoring Systems (CEMS) meeting national and state regulations. Developed state of the art PEMS (P = predictive) that utilized deep learning to predict emissions per site.
- Managed CEMS on-site server installations, performed chemical calculations, & provided client support for Indiana University, Campbell Soup, and various biomass energy plants.
- Toolset: .NET Framework, C++, VB.NET, SQL Server, Telerik, & TFS.

Software Engineer / I.A. Engineer | Engility Corporation | *04/14 – 11/14*
- Worked with US Army on two projects: Joint-Precision Airdrop System (JPADS) and the Process Asset Library (PAL) which supports CMMI5.
- Worked alongside NSA as an Information assurance engineer and was responsible for separation and classification of hierarchical security systems on a MRAP-style personnel carrier vehicle.
- Toolset: .NET Framework, C#.NET, VB.NET, SQL Server, TFS, CodedUI, Wireshark, Nmap, & Nessus.

Software Developer | East Stroudsburg University | *02/13 – 06/14*
- Worked with Psychology department to develop Implicit Attitude Tests (IAT) based on Harvard's IAT applications.
- Performed analysis on resulting data with psychology department and presented data for journal publication.
- Toolset: Javascript, PHP, Apache, MySQL, & TFS.

Software Developer | Municipal Software | *04/13 – 04/14*
- Rewrote legacy C++ desktop application as a RESTful modern Web Application for an Animal Licensing product.
- Toolset: Javascript, C++, HTML, Apache, MySQL, Redhat CMS

Education	• Computer Science - Bachelor of Science - East Stroudsburg University PA • Computer Security - Bachelor of Science - East Stroudsburg University PA