Employment

- **Meta / Facebook** Remote from Leawood, KS
  Lead Software Engineer *July 2021 - Present*
  - Develop the Instagram and Facebook applications across iOS, Android and Web.
  - Support critical company metrics. Develop frameworks to achieve the highest industry standards for metrics accuracy.
  - iOS mobile development in Objective C and Swift. Android development in Kotlin and Java.
  - Server side development in Hack (PHP), Python and C.

- **Cox Automotive / VinSolutions** Mission, KS
  Lead Software Engineer *October 2017 - June 2021*
  - Lead a development team through building, maintaining and designing features for an industry leading CRM application.
  - Collaborated with product, engineering, architecture and leadership to present valuable solutions to long term projects and immediate concerns.
  - Design stable, secure and scalable Distributed Systems in AWS and on-premise hardware. Developed and promoted learned patterns in the organization.
  - Designed and implemented Disaster Recovery strategy across all teams. Received quarterly Engineering award for effort.
  - Successfully merged two development teams with nearly 100 owned services. Received a quarterly Engineering award for this as well.
  - Achieved exceptional level of quality for the development team, with zero reported production issues in all of 2020.
  - Developed and regularly taught highly rated all-day course on Distributed Systems. Made into a requirement for all levels in engineering.
  - Led a major engineering effort to decouple a piece of legacy functionality cross-organization.
  - Used pub/sub messaging and queuing patterns for resiliency, scalability and availability.
  - Built serverless Docker micro services running in AWS ECS and Fargate.
  - Developed an automated testing framework for test engineers and introduced rollback upon test failure into deployment pipeline.
  - Mentored team members daily through code reviews, 1 on 1s and strong foundation of trust.
  - Actively promoted a culture of excellence in the organization by sharing experience through presentations and documentation.
  - ASP.NET Core Web API back-end, React front-end and SQL Server database.

- **Site 1001** Kansas City, MO
  Senior Software Development Engineer *October 2016 - October 2017*
  - Build and maintain a data-driven facility management application aspiring to incorporate AI, Machine Learning and IoT technology.
  - MVC Web Application with Entity Framework, RESTful Web API, Microsoft SQL Server.
  - Client-side application utilized Razor syntax and component-based jQuery.
  - Develop a Mobile application for iOS and Android using Xamarin.

- – Design and implement architectural changes throughout all layers of the application to improve performance and code quality while minimizing technical debt.
- – Mentor and collaborate with a small team of developers in a fast-paced development cycle. Design features and work with various lines of the company to iterate effectively.
- – Developed Windows services to integrate with third party smart sensors and IoT devices.
- – Upgraded enterprise application tools and dependencies: MVC2 to MVC5, .NET Framework 4 to .NET Framework 4.5.2, Web Forms views to Razor views and Visual Studio 2010 to 2017.

- **Bradford & Galt / Heartland Crop Insurance**   Overland Park, KS
  Software Engineer   *November 2015 - October 2016*

  - – Design and support systems in a mathematically intensive, enterprise level insurance application in .NET using C# 6.
  - – Maintain stored procedures and views in Microsoft SQL Server with NHibernate as the ORM.
  - – Set up a specialized unit and regression testing environment using NUnit.

- **Artisan Technology Group / Beyond the Scores**   Kansas City, MO
  Software Engineer   *May 2015 - November 2015*

  - – Develop an enterprise application as a greenfield project from the ground up with a team of mostly two developers. Involved in modeling, design, development and architecture.
  - – C# .NET 4.5 Windows Presentation Foundation (WPF) following the MVVM pattern.
  - – Communicate directly with clients on consulting projects, supporting their products, developing new features, and advising on architectural concerns.

- **PeopleAdmin / Netchemia**   Prairie Village, KS
  Software Engineer   *August 2013 - May 2015*

  - – Develop features in C# MVC and VB.NET Web Forms products. Additional technologies included Microsoft SQL Server, AngularJS, JQuery, KnockoutJS and JavaScript.
  - – Product Owner, handling issue resolution, delegating, testing, requirements and code review.
  - – Work directly with an off-shore team to ensure quality support for the product.
  - – Led a cross-organization team of seven to win the first internal company hackathon, establishing a company intranet.

Education

- **Rockhurst University**   Kansas City, MO
  B.A. in Mathematics and French Language, Philosophy Minor   *2008 - 2012*

  - – **Rockhurst Outstanding Research Award** (2012)
  - – **William A. Luby Mathematics Medal Award**
  - – Undergraduate research project published in *Mathematical Spectrum* **48**, 1, 22-29 (2014/2015) entitled *Exploring the New Zealand Puzzle*
  - – Competed in the Missouri Collegiate Mathematics Competition
  - – Presented at CALHE Conference at Missouri Western State University

Skills

- **Development**

  - **Mobile**
    iOS (Swift, Objective C), Android (Kotlin, Java)
  - **Microsoft**
    C#, Web API, MVC, Xamarin, WCF, VB.NET, WPF, ASP.NET, Entity Framework, .NET Core, Razor Pages, XAML, Web Forms, XML, PowerShell
  - **Amazon**
    Elastic Beanstalk, Elastic Container Service, Fargate, SQS, SNS, HashiCorp Terraform
  - **Database**
    Microsoft SQL Server, PostgreSQL, MongoDB, Presto, MySQL
  - **Web**
    JavaScript, ReactJS, TypeScript, jQuery, Node.js, Python, Hack (PHP)
  - **Agile**
    Scrum.org **Professional Scrum Master I** Certification, Kanban
  - **Source Control**
    Git, TFS, SVN, GitHub, SourceTree
  - **Deployment**
    AWS, Azure, Heroku, GitHub Pages, Octopus Deploy, Jenkins
  - ***nix Technology**
    `unix`, `vim`, `bash`, `zsh`, `screen`
  - **Software**
    Adobe Photoshop, Adobe Lightroom, WordPress

- **Hobby**

  - `snevsky.com/projects`: Various personal programming projects.
  - `snevsky.com/blog`: Personal blog, including technology topics.
  - `snevsky.com/music`: Songwriting and music production.
  - `snevsky.com/photography`: Digital photography.
  - Collect and play many musical instruments.
  - Text editor magic in `vim`.

- **Language**

  - Fluent in English and Russian.
  - Conversational in Telugu.
  - Novice in French and Tamil.