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| Tools Skills | Briefcase Experience |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Web Services | | | | | | | REST, OpenAPI (Swagger), OAuth 2.0, JSON Schema, XML, RAML | | | | | | |  | | | | | | | Network Architecture | | | | | | | Azure, AWS, Mobile Networks (3G, UMTS, LTE), IT Networks | | | | | | |  |  |  |  |  |  | | Web Development | | | | | | | HTML5, CSS, JavaScript, Angular, Svelte, Bootstrap, Express, Flask | | | | | | |  |  |  |  |  |  | | Software Languages | | | | | | | Tcl/Tk, JavaScript, Node.js, Python, C, Java, shell | | | | | | |  |  |  |  |  |  | | Software Technologies | | | | | | | Git, GitHub, Kubernetes, Docker, Terraform, Packer | | | | | | |  |  |  |  |  |  | | Datastores | | | | | | | PostgreSQL, SQLite, MySQL, Oracle, MongoDB, DynamoDB, Cosmos DB | | | | | | |  |  |  |  |  |  | | Diploma Certifications | | | | | | |  |  |  |  |  |  | | AWS Certified Solutions Architect – Associate [Certificate badge AWS01128751](https://www.youracclaim.com/badges/bd366c9b-c32e-4693-b34d-a1b2a264dad9/public_url) | | | | | | |  |  |  |  |  |  | | Microsoft Certified: Azure Fundamentals [Certificate badge](https://www.youracclaim.com/badges/c861d262-cbfc-4e75-bebe-bf58ad19f812) | | | | | | |  |  |  |  |  |  | | Diploma roll Education | | | | | | |  | | | | | | | BS Mathematics & BS Electrical Engineering University of Toledo | | | | | | |  | | | | | | | Front End Web Developer Nanodegree Udacity | | | | | | |  | | | | | | | Machine Learning Engineer Nanodegree Udacity (enrolled) | | | | | | |  | | | | | | | Newspaper Publications | | | | | | |  | | | | | | | Asterisk Open-Source PBX System  [Linux Journal – February 2004](http://www.linuxjournal.com/article/6769) | | | | | | |  | | | | | | | Hacking Red Hat Kickstart  [Linux Journal – April 2003](http://www.linuxjournal.com/article/6473) | | | | | | |  | | | | | | | Speech Languages | | | | | | |  | | | | | | | English, Spanish (intermediate) | | | | | | | Principal System Engineer, AT&T/TechMahindra *June 2015 - Present*   * Assisted in the development and the architecture of the machine language platform, consisting of multiple microservices, datastores, and a web application. * Migrated the machine language platform to Azure (AKS, DevOps, Storage, Key Vault, Cosmos DB) to take advantage of cloud services. * Envisioned, evangelized, architected, developed, and productized an internal web application for REST API design that reduced costs and sped up delivery by at least 50%. Consists of multiple microservices deployed to a Kubernetes environment. * Established best practices for REST web services across all of AT&T as a lead member of the internal standards team. * Oversaw and improved API design, security, and privacy for externally exposed APIs (over a hundred unique APIs) as a lead member of the API governance. |
| Solution Architect, Sentaca *June 2011 - May 2015*   * Lead and mentored a team of 8-10 engineers for the developer program, including API design, demo/sample apps, documentation, and support. * Designed and assisted in the development of an internal web application for error resolution management. * Promoted API solutions at conferences and hack-a-thons by educating and demonstrating to customers the solution’s capabilities. * Implemented a new documentation system which reduced documentation delivery time by 30%. |
| Senior Test Engineer, AT&T *October 2010 – June 2011*   * Headed the performance testing efforts for the messaging platform, including authoring test cases, test case execution, and managing defects. * Mentored team members on mobile and IT networks, by holding periodic workshops and consulting on various projects. * Developed software tools for automation, testing, and troubleshooting of APIs. |
| Senior Engineer, T-Mobile *May 2010 - October 2010*   * Designed, engineered, and supervised subscriber-based network elements. * Successfully lead the engineering team on a complex (total replacement) subscriber migration across the entire network. * Developed tools to streamline the implementation and troubleshooting of services. |
| Technical Sales Engineer, Alcatel-Lucent *August 2008 - September 2009*   * Achieved highest-ranked sales engineer status by assisting the sales team to secure a major strategic win. * Supported the sales team with technical expertise for product presentations and consultations to the customer up to the VP level. |