Devin Joseph Durham

- **Phone #:** (971)-275-3615
- **E-mail:** DevinDurham95@gmail.com
- **Website:** www.DevinDurham.info

- **Github:** github.com/devlontechron
- **LinkedIn:** linkedin.com/in/devlontechron

- **Education:**
  - Microsoft Certified Azure Developer
  - University of Washington (B.S. in Computer Science & Systems, Minor in Cinematic Film Theory)
  - La Salle Catholic College Preparatory

- **Skills:**
  - Proficient in: C#, Azure, Java, SQL, Bash, PWS, HTML, JSON, JS, YAML, Networking, microservices, C, Assembly, Python, KQL, Windows(XP+), Linux: Ubuntu(16+), CentOS, Debian, OSv
  - Tools: AWS, Azure, Visual Studio, Tomcat, Weblogic, Docker, Android Studio, IntelliJ, Eclipse, VCS, Git, Raspberry Pi, Cassandra, Oracle DB, mySQL, Apigee, ChatGPT, AI, Copilot, Data Science, SpringBoot
  - Character Traits: Adaptable, problem-solver, Continuous learner, self-starter, initiative, Team player, collaborative, mentorship, Contrarian

- **Experience:**
  - Software Developer – Microsoft [May 2020 – present]
    - Maintained, resolved, suggested, and designed improvements to legacy codebase for the Azure Business 2 Business marketplace "Universal Store" / "Partner Center".
    - Develop Data pipelines for business analytics using Azure Data Studio to help identify long term customers and increase incentivized sales (MACC) which generated an additional 8 billion in sales
    - Maintained a flexible, modular test framework repo for other teams to consume and use to ensure software resilience by leveraging reflection patterns and nugget packages. This reduced code duplication, time to detect to under 2min, and code regression.
    - Developed and deployed new project infrastructures in Azure for teams using ARM, BICEP, DevOps, and CI/CD pipes to allow developers to start building securely and deploy in SOX compliance quickly along with recovery plans (BCDR) to ensure services remain resilient during cloud outages.
    - Onboarded, supported, and took over design responsibility for an internal microservice by refactoring deployment code (Arm / Bicep) to enable multi region agnostic deployments, horizontal and vertical scaling, and enable billions of API requests while supporting legacy partners.
    - Help onboard new team members and mentor interns.
  - Software Developer – T-Mobile [Jan 2018 – April 2020]
    - Led and developed a large impact feature which dynamically load balanced and re-routed traffic in a nationwide network of nodes, impacting millions of customers to ensure reliable service.
    - Developed an internal, multi modular, micro web service app to update and manage network production nodes using Springboot, Cassandra, & Docker for 5G deployment across 40+ teams.
  - Research Assistant -University of Washington [June 2017 – June 2018]
    - Self-taught new and often undocumented tools to develop on a cloud based Unikernel OS
    - Created RESTful web services, microservices, server-less projects & self-automating scripts to examine hardware, network, and software efficiency.
    - Worked on aggregating data, finding & comparing values, and presenting findings from experiments.

- **Personal Projects & Interests**
  - Actively working on a web based home assistant using Azure APIs, ChatGPT, E-Ink display hardware
  - Website development using HTML 5, CSS3, and Javascript. (*DevinDurham.info*)
  - Education / TEALS: Reforming public education while volunteering to teach AP CS at high schools
  - Traveling, theater, art, music, and history
  - Hackathons: MLH, MIT-Covid19, NWHacks, DubHack, Microsoft Hackathon