

Devin Joseph Durham

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- **Website:** www.DevinDurham.info
- **Github:** github.com/devlontecron
- **LinkedIn:** linkedin.com/in/devlontecron
- **Education:**
 - University of Washington, Tacoma
 - B.S. in Computer Science & Systems (Aug 2017)
 - Minor in Cinematic Film Theory
 - La Salle Catholic College Preparatory School (Jun 2013)
- **Skills:**
 - **Proficient in:** C#, Java (8), SQL, Bash, HTML, CSS, JSON, JS, XML
 - **Sufficient in:** C, Assembly, Python, KQL
 - Developing RESTful web services / applications
 - Research (Cloud / Clustered Computing,)
 - **Tools:** AWS {EC2, Beanstalk}, Azure {Functions, SQL DB}, Solr, Tomcat, Weblogic, Docker, Android Studio, IntelliJ, Eclipse, VCS, Git, Raspberry Pi, Cassandra, Oracle DB, Drupal, MySQL, Apigee
 - **OS:** Windows(XP+), Linux: Ubuntu(16+), CentOS, Debian, OSv
- **Experience:**
 - **Software Developer – Microsoft [May 2020 – present]**
 - Maintained, resolved bugs, and added multiple improvements to legacy codebase for the Azure Business 2 Business marketplace.
 - Developed an “Outside-In” testing suite using code reflection to quickly alert when customer facing endpoints were failing or not responding, reducing ‘time to detect’ to under 2min.
 - Developed, onboarded, documented, and deployed a new project infrastructure in Azure for new incoming project and developers to start building securely and be able to deploy in compliance.
 - Developed multiple (3+) disaster plans for different products and teams complete with documentation to ensure services are resilient during cloud outages.
 - **Software Developer – T-Mobile [Jan 2018 – April 2020]**
 - Led and developed a large-scale 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.
 - Worked on legacy code (perl) to adapt and update to new industry standards.
 - **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
- **Projects**
 - Actively working on a web based home assistant using Azure AI Tools (Voice & Image)
 - Open Source development for RCT2 (github.com/devlontecron)
 - Website development using HTML 5, CSS3, and Javascript. (DevinDurham.info)
 - Built a voice home assistant using Raspberry Pi, bread boards, LED lights, and Google APIs.
 - Android app development for hackathon browser & scheduler using fragments, 3rd party APIs, and a SQL DB.
- **Clubs / Organizations / Interests:**
 - Traveling, theater, art, music, and history
 - **Hackathons:** MLH, MIT-Covid19, NWHacks, DubHack