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| **SKILLS** | Languages: Java, C#, Python, C++, JavaScript  Frameworks: Spring, ASP.NET Core, Angular 2  Cloud: AWS, Azure |
| **EXPERIENCE** | **Software Development Engineer II, Amazon (2018 June – Present)**   * Key Master   + Currently owning Key Master which is a scalable, low latency solution for securely storing confidential data in Amazon.   + Fixed a security vulnerability in Key Master which allows services with only write access to read data that they don’t own. This involved an architectural change in key generation.   + Java, Python, C++, AWS Lambda, DynamoDB   **Software Engineer, Microsoft (2015 June – 2018 May)**   * Microsoft Hardware Dev Center   + Designed and built an RMM level 3 complaint REST APIs to enable windows driver submission.   + Closely worked with OEMs such as Intel, AMD, NVIDIA and DELL during the early release.   + C#, ASP.NET Core 2, Azure * Microsoft Partner Center   + Designed and built an event driven system, that raises webhook notifications to third party provisioning systems when a new subscription is purchased in Partner Center.   + Built the UI and corresponding microservice for querying third party products in Partner.   + The system comprises of 2 microservices, a web front end and a queue.   + C#, ASP.NET Core 2, Angular JS, Azure * Partner Operations and Support Experience   + Built an extensible UI framework for PrOSE tool.   + Designed reusable Angular components for the tool.   + Angular 2, TypeScript, Azure |
| **PROJECTS** | ng2-appinsights (2017)   * Logging package for Angular 2 with over 35,000 downloads on npm.   Stolen Vehicle Tracking System (2016)   * Designed and developed a fully functioning prototype that can be used to track and recover stolen vehicles. The idea implements the concept of IoT. * Used Raspberry Pi, RFID sensors and real-time data processing tools in Azure to develop the prototype. Push notifications are processed by an Azure Function and sent to an android phone via firebase API. |
| **EDUCATION** | Advanced Certification in AI and ML   * IIIT-Hyderabad (2019 January – Present)   Bachelor of Technology in CS   * Amrita Vishwa Vidyapeetham (2011 August – 2015 April) |