Prem Siddhartha Vuppala | www.linkedin.com/in/premsv | premsvuppala@gmail.com | 401-484-1453

Passionate and value-driven Engineer with 5+ years of experience in testing software and hardware.
Attributes*: Creative, High technical acumen, Good people skills, and End-user oriented.*
Open to Work As *Senior/Staff Test Engineer, DevOps Engineer & Program Manager.*

SKILLS

Key Languages/Tools: Python, Java, Javascript, C++, R, Matlab
Key Domains/Product Area: IoT, Conversational AI, RF Instrumentation, Cloud Infrastructure.

EDUCATION :

Hofstra University	MBA in Finance, 2020
The University of Massachusetts, Amherst	M.S in EE, 2015

WORK EXPERIENCE

Google Inc. (Contract).   June' 20 - Present
Senior Test Engineer   Mountain View, CA
My team is focused on Test and Infra work for Power & Thermal Validation across Nest devices like cameras, thermostats. doorbells and speakers. I run test activity across product line stages (EVT, DVT, etc) & firmware release cycles. Write test strategies, develop test cases, and automate them. Set up test benches and maintain them. Coordinate with the scrum team and interact with stakeholders. Create dashboards, schedule tasks, and reports. Primary languages: Python 3.8.

Zarb Business School, Hofstra University   Sept' 19 - Feb' 20
Research Assistant   Hempstead, NY
Responsible for the day-to-day operations of the lab. Coordinate the installation of software systems.
Conduct research activity, monitor subjects and drive case studies. Assist faculty with lab activity, equipment operation, troubleshooting, and theoretical research. Primary Tools: Tobii Lab.

Google Inc. (Contract).   Jan' 19 - April' 19
Software Test Engineer (PA: Cloud)   Sunnyvale, CA
Developed integration and load tests. Created test instances and established pipelines to monitor traffic and improve logging. Authored test plans, release notes. Triaged customer reports. Debugging, computing, data analysis, and reporting. Primary languages: Python 3.8, C++.

Google Inc. (Contract).   May' 17 – Dec' 18
Lead Software Test Engineer (PA: Service Engine & Cloud)   Sunnyvale, CA
Authored 30+ test plans, 500+ test cases. Increased automation coverage by 900%. Worked with PMs, TLs to drive the sprint plan. Lead a team of 2-4 QA Engineers. Built an integration test harness, setup CI jobs. Responsible for 18% of traffic to the defect reporting system. Primary Languages: Java, Javascript, C++.

Google Inc. (Contract).   Aug' 16 – April' 17
Software QA Engineer (PA: Google Assistant)   Sunnyvale, CA
Authored test plans, test cases. My team was following testing as a service model. So I had a chance to work on projects across surfaces and verticals with different stakeholders in the Org. I was the guy at the bottom of the

ladder at Google. So, I spent extended hours, took on a lot of work, and gained valuable expertise in testing across domains. Primary Languages: AppsScript, Python 2.7

World IP Phone Inc.   Aug, 15 – Jul, 16
Test Engineer   San Jose, CA
Authored design documents, test plans. Developed scripts and presentations for demos. Trained in testing tools and technologies. Primary Languages: Python 2.7, Javascript

University of Massachusetts, Amherst   May, 13 – Dec, 14
*Graduate Assistan*t   Amherst, MA
Using field theory principles, theoretically computed patterns, effective SNR for a Millimeterwave Phased Array.
Setup and maintained an automated TX/RX test bench for antenna vector field measurements on DUT.
Post-processing and evaluation of measured data for useful metrics.
Primary Tools/Languages: Python 2.7, Matlab, Mathematica.

Ansys Inc.   May, 14 – Aug, 14
Internship   Pittsburgh, PA
Designed Horn, helical antenna models for testing 3D component libraries in HFSS.
Developed scenarios & design environments for the 3D component feature.