# Garvit Bhateja

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## EDUCATION

**Vellore Institute of Technology**                                                                       Vellore, IN
*Bachelors of Technology in ECE with IoT and Sensors | CGPA : 9.23*                        *Jul. 2017 – June 2021*

## EXPERIENCE

**Member of Technical Staff - 2**                                                          September 2023 – Present
*Nutanix*                                                                                                 *Bangalore, IN*
- Designed core automation framework for Mercury, focusing on Layer 4/Layer 7 proxy testing
- Created comprehensive API testing framework
- Implemented an Authentication Regression Matrix
- Disaggregation of services into Kubernetes Pods and Kubernetes Services

**Engineer**                                                                     February 2022 – September 2023
*Commvault*                                                                                              *Bangalore, IN*
- Worked on Automation of Scale/Stress Testing for AWS EC2
- Wrote multiple Python scripts for reducing cost by deleting unused AWS volumes and snapshots
- Developed automation framework to execute reports and manage test processes

**Associate Engineer**                                                              July 2021 – February 2022
*Commvault*                                                                                              *Bangalore, IN*
- Designed web automation using Selenium for Virtual Machine conversions
- Worked on AWS Virtual Server and cloud/hybrid hypervisors

**Development Intern**                                                            December 2020 – June 2021
*Commvault*                                                                                              *Bangalore, IN*
- Executed scripts using Python for enhanced test automation
- Did POC for Page/Swap Partition to reduce cost and time for customer VM backups

## PROJECTS

**AWS EBS Direct API Enhancement**  | *Python, AWS, Selenium, C++*
- Implemented and tested AWS API's to read/write data directly from Snapshot
- Improved Performance with parallel threads in Scale Testing

**Wireless Surveillance Robot** | *Python, Flask, React, Apache, Linux*
- For Military Applications using Raspberry Pi
- Developed a web application to monitor robot using with Flask serving Apache with React as the front-end
- Built 4-wheeled small vehicle controllable over the internet, Equipped with a web cam and sensors to provide real time surveillance

## TECHNICAL SKILLS

**Languages**: Python, Testing, Selenium, SQL , JavaScript, HTML/CSS, R, Matlab
**Frameworks**: React, Node.js, Flask, Selenium, WordPress, Material-UI, RestAPI
**Developer Tools**: Git, AWS, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Android Studio, Eclipse

## ACHIEVEMENTS

Conference Delegate and Participant: Hack Harvard 2019, Massachusetts
Special Achiever Award for International events and excellence in Academic year 2019-2020 from VIT, Vellore
Merit Scholarship for outstanding performance in academic year 2017-18 , 2018-19 from VIT, Vellore
Received Scholarship for Intel Edge AI Foundational Course
Technical Speaker at EMBED 2.0 Workshop conducted by TEC-VIT, Vellore

## CERTIFICATIONS

AWS Certified Developer Associate - AWS
AWS Certified Cloud Practitioner - AWS
Azure AZ900 Certification - Microsoft
IoT Wireless Cloud Computing Emerging Technologies - Coursera
IBM Data Science Orientation - Coursera
Automated Testing: The Big Picture - Pluralsight