

AKSHAY HITESH DHRUV

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EDUCATION

- Binghamton University, SUNY, Watson School of Engineering** Aug 2019 - May 2021
Master of Science in Computer Science GPA: 3.43/4.00
- Dwarkadas J. Sanghvi College of Engineering, Mumbai University** Aug 2011 - Jun 2015
Bachelor of Engineering in Electronics and Telecommunication Engineering

TECHNICAL SKILLS

- JavaScript
- HTML / HTML5
- CSS / CSS3
- React
- GWT
- C / C++
- Java
- Python
- Spring / Hibernate
- Oracle SQL
- JQuery
- Web Services
- Basic AWS
- LINUX / UNIX
- MongoDB

Technical Courses: Design and Analysis of Algorithms, Operating Systems, Programming System and Tools, Web Programming for the Web, Distributed Systems, Programming Languages.

PROFESSIONAL EXPERIENCE

Tata Consultancy Services

Software Developer

Mumbai, India

Feb 2016 - Jul 2019

- Developed and deployed new functionalities for a credit reporting agency client in an agile development team.
- Technical lead in 2 major sub-projects with participation in every phase of SDLC.
- Built Batch processes and automated jobs for data extraction, mass member upload and daily transactions.
- Designed SQL database tables and performed query optimizations.
- Created technical documentation for reference and reporting.
- Recommended product configurations to assist with overall system design and integration.
- Performed product launch, disaster recovery activities, cloud migration from IBM-WebSphere to Chef and resolved cybersecurity issues such as CyberArk and OWASP vulnerabilities and provided Production/UAT support to meet client needs.
- Proposed and developed Standalone Utilities for faster processing and efficient output.
- Coordinated with other product development teams to ensure consistent product solution.
- Engaged in grooming 4 junior resource and provided insight and advice to clients for improved product services.
- Operated tools: Eclipse IDE, Putty, Soap UI, Oracle SQL Developer, Apache Tomcat, HP Fortify SVN, GitHub, Bitbucket, Jenkins, Confluence, Jira, Run Deck, Maven, WinSCP for SDLC.

PROJECT INFORMATION

- Predictive Text Using Auto Complete:** Build an optimized auto complete feature in C++ utilizing modified Trie data structure and Depth First Search algorithm ultimately increasing overall time complexity.
- HTTP server:** Established a HTTP server practicing socket programming in python. Multiple client requests are handled using multi-threading.
- IR Based Persistence of Vision Display:** Engineered a microchip in Arduino such as when the circuit rotates, led creates a blink pattern showing different design acting as an illusion to a human eye.
- Laser Detector:** Created a laser-based security system created using Light Dependent Resistors, acting as a tripwire in security system and triggers an alarm when laser is interrupted.
- Dual Tone Multiple Frequency controlled robot car:** Programed a digital robot car in Arduino utilizing DTMF module and Arduino microchip to ease out day-to-day chores.

AWARDS AND CERTIFICATIONS

- Dean's Scholarship at Binghamton University for academic excellence and high individual skills.
- Certificate of Excellence Award and On the Spot Award recipient at Tata Consultancy Services for exemplary performance and outstanding contribution in serving client.
- Acquired 7 TCS internal certifications in areas such as Cloud computing, DevOps, Agile, ITIL, IQMS, HTML5 & CSS3.
- Best Student Award in High School.

LEADERSHIP AND EXTRA-CURRICULAR

- Organized multiple technical and cultural events at D. J. Sanghvi College of Engineering and Tata Consultancy Services.
- Volunteer of an NGO "Deeds of Kindness Trust" and participated in Blood Donation Camp, Tree Plantation, Book Donation and Beach Clean Drives across the Mumbai city.
- Martial Arts Player