

# Yashvin Munsadwala

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## EDUCATION

### SARVAJANIK COLLEGE OF ENG. & TECH. (SCET)

BS in Computer Engineering  
May 2018 | Surat, India  
CGPA: 8.31 / 10.0

## CERTIFICATIONS

### AMAZON WEB SERVICES (AWS)

AWS Certified Developer Associate  
Dec 2019 | AWS Center  
Score: 919 / 1000

### MONGODB UNIVERSITY

M220JS MongoDB for JS Devs.  
March 2019 | Virtually

## SKILLS

### Programming Languages:

Java • Javascript • Python • C/C++

### Web Technologies:

ReactJS • Redux • HTML5 • CSS3  
Java Spring Boot • Node.js • axios  
Google Charts • jQuery • Mocha.js  
Karma • Chai.js • Sinon.js • JUnit

### Database:

Cassandra • MongoDB • MySQL  
Oracle • Snowflake

### Collaboration Tools:

Jira • ALM • Confluence • Github

### Microcontroller:

Particle Photon • Arduino UNO

### Miscellaneous:

SonarQube • AppDynamics • Jenkins  
Pivotal Cloud Foundry(PCF) • APIGEE  
MS Visio • AEM • Swagger (openAPI)  
Alexa Skills Kit • AWS Lambda

## INTERESTS

- Algorithms & Data Structures
- Cloud computing
- Web Development
- Distributed Systems
- IoT

## EXPERIENCE

### AMERICAN INT'L GROUP (AIG) | FULL STACK DEVELOPER

Oct 2018 – Present | Houston, USA

**Noteworthy:** Suggested and implemented several functionalities like changing log levels at runtime and injecting real time user monitoring script to improve overall system's *manageability* and thus its *availability*

- Designing and developing of the AIG Connex platform - a large-scale distributed system which is one-stop shop for insurance agents
- Placing special emphasis on user experience, performance, extensibility, and automating daily routine tasks
- Microservices and Microsites are build using an Agile mindset by using modern industry-adopted Java-based framework and various JavaScript libraries
- Testing components in an automated fashion by developing complete unit and integration test cases
- Debugging distributed applications during outages and failures in production
- Active role in presenting newly baked functionality to the business stakeholders and system testers
- Mentor and companion to a Technology Analyst and an intern for 10+ months

### WINR TECH LIMITED | FULL STACK DEVELOPER INTERN

June 2017 - July 2018 | Surat, India

**Award:** 2<sup>nd</sup>/40 groups

**Noteworthy:** Simulated 50 virtual devices via code to perform *load test* on the system

- Led the project; Fabricated hardware for detection of toxins present in the environment and visualized data findings online via an intuitive website
- Automated the firmware update, live monitoring and controlling of hardware from a remote location through dashboard

### LARSEN & TOUBRO (L&T) | DATABASE DESIGN INTERN

June 2017 | Surat, India

- Designed a SQL database schema with optimum level of normalization and relationships that tracked and maintained status of enterprise-wide projects

## ACTIVITIES

2020	Personal	Built <a href="#">Algorithm-visualizer</a>
2020	Personal	Collaborated and developed <a href="#">Universe-lovers</a>
2020	Personal	Developed <a href="#">Journey-weather</a>
2020	AIG	Built systematic <a href="#">road-map</a> for a web developer
2020	AIG	Board Member for Houston Diversity Council
2019 & 20	AIG	Event & Communication Committee for Asian Affinity Network
2018	AIG	Stood 2 <sup>nd</sup> in 3-day Hackathon to create an Alexa Skill
2015 & 18	SCET	Class Representative

## PATENT & PUBLICATION

[1] **Patent:** Y.Munsadwala & et al., A System to Detect Manage Forest Fire Using a Sensor Assembly Unmanned Aerial Device. India Patent [201921003375](#) (Pending)

[2] **Publication:** Y.Munsadwala & et al.: Identification Visualization of Hazardous Gases Using IoT. 4th [IEEE International Conference on IoT-SIU](#) 2019, India