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) | Sr. Assoc. Full Stack Developer
Oct 2018 – Present | Houston, USA
Promotion: *Sr. Assoc. Full Stack Developer* in April '21 from *Full Stack Developer*
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 eventually its **availability**

- Designing and developing of the AIG Connext 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 15+ months

WINR TECH LIMITED | Full Stack Developer Intern
June 2017 - July 2018 | Surat, India
Award: 2nd/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

Year	Org	Activity
2020	Personal	Built **Algorithm-visualizer**
2020	Personal	Collaborated and developed **Universe-lovers**
2020	Personal	Developed **Journey-weather**
2020	AIG	Built systematic **road-map** 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 2nd 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