

# Saajan Patel, MS

## Full Stack Developer

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### PROFESSIONAL EXPERIENCE

#### Software Engineer

*Artisight*

04/2022 – present | Remote

- Developing Annotator/Surgery Viewer portion of the Artisight suite to allow residents and other surgeons to view and annotate videos of completed surgeries in order to provide a useful tool for education.

#### Front End Engineer

*Two Six Technologies*

12/2020 – 04/2022 | Arlington, VA

- Developed Grafana dashboards that worked as an interface with Garmin smartwatches to track user health over time as well as measure potential risks.
- Used JIRA to track daily workflow of tickets to contribute to the React development of DTECT, an application that allows users to track potential radiological and nuclear attacks.
- Used Balsamiq and Figma to design the user interface of a NG911 (Next Generation 911) application and developed a prototype using React.

#### IT Maintenance

*Raj Patel, DDS*

06/2015 – present | Stafford, VA

- Coded and redesigned company website, live at <https://www.staffordvadentist.com/> 🌐.
- Provide any technological assistance when necessary (installing software, troubleshooting, etc.) both remote and in person.

#### Full Stack Developer

*Sev1Tech, LLC*

07/2019 – 02/2020 | Woodbridge, VA

- Redesigned an existing application for the Health and Human Services division to modern standards using React. Additionally, worked on the backend using Node.js, Express, and AWS technologies.
- Developed an internal application using Electron with a React framework, PostgreSQL, Node.js, and Express.
- Used RemedyForce for task flow including priority level, start/end date, task description, etc.
- Migrated existing data to the cloud (native Windows machines to AWS).
- Created dashboards for tracking, logging, and reporting of server data.

#### Software Development Intern

*iWorks Corporation*

07/2017 – 08/2017 | McLean, VA

- Used HTML, CSS, Bootstrap, and Primefaces to modify several DISS applications to ensure Section 508 compliance.
- Implemented JIRA tickets in a day-to-day SCRUM workflow to assign and complete tasks.
- Used Git/local servers to share and edit different builds of code.

### EDUCATION

#### Master of Science in Software Engineering

*Nova Southeastern University*

08/2016 – 06/2019 | Fort Lauderdale, FL

- Cumulative GPA: 3.82
- Relevant Courses: Programming Languages, Object Oriented Design, Software Engineering, Software Requirements Engineering, Software Testing and Verification, Interaction Design, Human-Computer Interaction, Data Structures and Algorithms

#### Full Stack Web Development

*University of Miami*

04/2018 – 11/2018 | Miami, FL

- Certification in Full Stack Web Development using the MERN (MongoDB, Express.js, React, and Node.js) stack.

#### Bachelor of Science in Chemistry

*Virginia Commonwealth University*

08/2012 – 05/2016 | Richmond, VA

- Cumulative GPA: 3.52
- Honors College graduate
- Concentration in Chemical Science with a minor in Biology

### SKILLS

HTML5, CSS3, Bootstrap, JavaScript, ES6, jQuery, React.js, React Native, Angular (2+), Node.js, Express.js, AWS (IAM, KMS, S3, ECS, DynamoDB), MySQL, PostgreSQL, Sequelize.js, EJS, MongoDB, Git/Github, AJAX, REST, Firebase, Heroku, WordPress, JIRA, Visual Studio Code, IntelliJ, Grafana, Sketch, Balsamiq, Figma, Mocha, Chai, Jest, Enzyme, RTL, Robot Framework

### CLEARANCES/CERTIFICATIONS

#### Interim Top Secret Clearance

*US Department of State*

- Currently under investigation for full TS/SCI clearance.

#### AWS Certified Developer

*Amazon Web Services*

- Currently studying for the exam, and looking to be certified by the end of the year.

## ACTIVITIES

### **Founder/Pallas Committee Chair**

*Phi Delta Theta Organization, Nova Southeastern University*  
Fort Lauderdale, FL

- Founded fraternity on campus with a group of 30 in 2018.
- Educated new members on the importance of sound learning and zero tolerance for hazing/bad behavior on campus.

### **Vice President/Founder**

*Students Supporting Doctors Without Borders at VCU*

08/2015 – 05/2016 | Richmond, VA

- Founded club at VCU with help from Doctors Without Borders.
- Organized a gala (about 250 students) and various fundraisers (Sweet Frog, RMC including NASCAR races and football games) to raise campus awareness of global health crises.
- Raised money for Doctors Without Borders (roughly \$1000 after establishing bank account).
- Helped lead general body meetings of 50+ students.

### **Adult Volunteer**

*Chippenham Hospital*

08/2014 – 12/2015 | Richmond, VA

- Learned various operations of hospital and used system for patient directory.
- Discharged patients, delivered samples/specimens to laboratory, replaced isolation boxes, and guided visitors around hospital.
- Trained new volunteers in daily tasks and patient interaction.