

## EDUCATION

<b>Drexel University</b>	<b>Philadelphia, PA</b>	<b>Graduation: March 2021</b>
<ul style="list-style-type: none"><li>• B.S./M.S. in Computer Science — GPA: 3.66</li><li>• Graduate Coursework: Test Driven Dev &amp; eXtreme Prog; Web Services &amp; Mobile Arch; Data Analysis at Scale.</li><li>• Undergraduate Coursework: Software Architecture; Software Engineering; Software Evolution.</li></ul>		

## PROFESSIONAL EXPERIENCE

<b>Cigna</b>	<b>Software Engineer</b>	<b>Apr 2020 - Present</b>
<ul style="list-style-type: none"><li>• Wrote presigned URL generator Lambda emphasizing JSON Schema for contract validation</li><li>• Explored cloud architectural patterns to support on-prem and cloud deployments</li><li>• Created proof of concept leveraging Gloo for centralized network traffic configuration</li><li>• Lead intern project using TDD and automated deployment patterns with GitOPS</li><li>• <u>Leveraged knowledge</u> in Kubernetes, OpenShift, Gitlab CI, AWS Lambda &amp; EKS, Node.js, Angular, Express</li></ul>		

<b>Lockheed Martin</b>	<b>Software Engineer</b>	<b>Apr - Sept 2019</b>
<ul style="list-style-type: none"><li>• Transitioned computer program into Git from Clearcase including training and best practices</li><li>• Incorporated automated testing using Google Test, JUnit, and Maven framework through feature toggles</li><li>• Reduced build time by decomposing product through discussions about architecture with project leads</li><li>• Integrated build into Jenkins pipeline to automate deployment, SCA, and testing on every deliverable</li><li>• <u>Leveraged knowledge</u> in Maven, Git, Jenkins, JUnit, Google Test, Java, C++</li></ul>		

<b>MicroOffice</b>	<b>Software Developer</b>	<b>Feb 2017 - Jan 2019</b>
<ul style="list-style-type: none"><li>• Built contract licensing and management system using PostgreSQL, Python, Flask, and Jinja</li><li>• Integrated external desk management system with existing operations interface using web API calls</li><li>• Updated payment portal to allow customers to make purchases independent of sales team</li><li>• Automated operations visual reporting service to provide useful at-a-glance business metrics</li><li>• <u>Leveraged knowledge</u> in Full Stack Web development, Python, JavaScript, Git, PostgreSQL, Flask</li></ul>		

## SOFTWARE PROJECTS - WWW.GITLAB.COM/SAFFATHASAN

<b>This Resume</b>	<b>Sept 2020 - Present</b>
<ul style="list-style-type: none"><li>• Automatically deploy master using ssh and rsync</li><li>• Decouple data from style enabling multi-format generation using single YAML source</li><li>• Generate PDF using LaTeX wrapped in Docker and Python templating engine</li><li>• <u>Utilized</u> Python, LaTeX, Docker, Gitlab CI</li></ul>	

<b>Film Rating Microservice POC</b>	<b>June - Aug 2020</b>
<ul style="list-style-type: none"><li>• Architected simple yet highly decoupled IMDB clone</li><li>• Designed each service to be independently deployable</li><li>• Created web and client service consumers</li><li>• <u>Utilized</u> Flutter, GraphQL, Node.js, MongoDB, Docker Compose, JWT Authentication</li></ul>	

<b>King Me</b>	<b>Jan - June 2019</b>
<ul style="list-style-type: none"><li>• Designed online checkers game using Flask SocketIO to allow players to create and join games</li><li>• Coordinated student team of four by creating mocked interfaces to enable concurrent development</li><li>• Emphasized portability by utilizing Docker to standardize runtime environment</li><li>• Enforced quality through use of Gitlab CI to automate static code analysis and testing</li><li>• <u>Utilized</u> Gitlab CI, Docker, Flask SocketIO, Jinja, Pytest, Pylint, JSHint</li></ul>	

## TECHNICAL SKILLS

- **Proficient:** Java, Python, Unix, Git, SQL, JavaScript, Maven, Flask, Pytest, Pylint, HTML/CSS
- **Familiar:** C++, C, Docker, LXC, SaltStack, Jenkins, Node.js