

## CONTACT

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## EDUCATION

### Master in Computer Engineering

Texas A&M University  
 GPA 3.70/4.00 2018 - 2019

### Bachelor in Electrical Engineering

Arizona State University  
 GPA 4.00/4.00 2013 - 2016

## SKILLS

### Programming Languages

JavaScript, TypeScript, Python, C#, C, C++, Java.

### Full-Stack Development

SQL, HTML, CSS, React, Node.js, PostgreSQL, NoSQL, Responsive Design, SaaS, RESTful API.

### DevOps & Version Control

Git, CI/CD, AWS, SVN, Docker, Jira, ClickUp.

### Methodologies:

Agile, Scrum, Sprint, TDD, BDD, System Design.

### Operating System:

Linux, macOS, Windows.

### Graphic Design:

Adobe Photoshop, InDesign, Premiere, After Effects, Audition.

## SUMMARY

I am a Software Engineer with a Master's in Computer Engineering and expertise in diverse roles. Proficient in JavaScript, Python, C#, and other programming languages. Skilled in full-stack, cross-platform, and firmware development. Passionate about innovation and leveraging technical skills in impactful projects.

## EXPERIENCE

### SOFTWARE ENGINEER

Oct 2022 - Present | Apkudo

- Develop new APIs and features using React, JavaScript, and PostgreSQL on AWS.
- Manage SQL queries for data filtering to create interactive reporting interfaces.
- Implement real-time operator front-end interface via websockets to the backend.
- Maintain the hardware-to-front-end communication pipeline using Python.
- Provide customer support, emergency response, and bug fixes.
- Utilize Jira, ClickUp, Git, AWS, and CI/CD for efficient development.

### SOFTWARE ENGINEER

Feb 2020 - Oct 2022 | Megger

- Developed C++ simulations of hardware prototypes as per specifications.
- Implemented real-time DSP firmware using C based on simulations.
- Created Python scripts and WPF apps to automate testing and calibration.
- Designed cross-platform apps (C# & Xamarin) for hardware products.
- Built a graphical editor for visualizing and editing relay parameters.
- Delivered regular firmware and app updates, and resolved customer-reported bugs.

### .NET FULL STACK DEVELOPER

Aug 2019 - Dec 2019 | Texas A&M AgriLife

- Maintained the MSSQL database for TAMU Insect Collection.
- Developed new web interface using C#, JavaScript, HTML, and CSS.

### RESEARCH AID

Mar 2017 - Dec 2017 | Arizona State University

- Assisted research teams in signal processing simulations.
- Provided technical support and maintenance for lab computers.

### GRAPHIC & WEB DESIGNER, VIDEOGRAPHER

Jun 2014 - Dec 2016 | PBSRG

- Designed logos, images, and websites for academic events.
- Created, filmed, and edited promotional videos for research activities.