

# Dhairya Surana

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[https://dhairyasurana.github.io/Personal\\_Website/](https://dhairyasurana.github.io/Personal_Website/)

## SKILLS

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**Programming languages:** Python, Java, JavaScript, HTML/CSS, XML, C/C++, Matlab, Bash

**Cyber/Networking:** IP/TCP, Wireshark

**Frameworks/Technologies:** Angular, Git, Node.js, bitbucket

**Other:** Data Structures, Algorithms, Jira, Rest API, Software Design, Migration, Testing

## EXPERIENCE

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- Dec 2020 - Present**      **Associate Dev/Systems Engineer, *SWIFT***  
Developed/maintained an Angular-based transaction tracking service.  
Enhanced user interface by modifying different aspects of the app.  
Resolved security and production issues to maintain service quality.  
Migrated parts of the app from AngularJS to Angular.  
Reduced dev environment switch time by 85% by automating the process via bash script.
- Oct 2020 – Nov 2020**      **Cyber-Athlete (Silver Bracket), *National Cyber League***  
NCL is a national cyber CTF competition based on the CompTIA Security+.  
Achieved the rank of 652 / 6,011 (within **top 11%**) in the individual game.  
Achieved the rank of 138 / 957 (within **top 15%**) in the team game.
- Sep 2019 - Dec 2019**      **Net Guard**  
Created a Python script to analyze port scanning attempts via pcap files.
- Feb 2019 - Apr 2019**      **InspireFly Researcher**  
Researched different hardware and software systems for the flight computer  
Documented the code for the GPS driver.  
<https://inspirefly.co/>