

# ASRAR FAROOQ

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## Skills

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**Programming Languages:** JavaScript, HTML5, CSS3, Python, C/C++, C#, PHP, SQL, TypeScript  
**Web Development:** ReactJS, Next.js, Node.js, Django, .NET, jQuery, Laravel, Drupal, Tailwind CSS  
**DevOps, DB's & Cloud:** GCP, Azure, Git, Vercel, Netlify, Docker, Nginx, MySQL, MongoDB, SQLite  
**Development Methodologies:** Agile, CI/CD, OOP, SEO, Test-Driven Development, Scrum, Kanban  
**IT and Digital Tools:** ServiceNow, VMWare, Citrix, Jira, Splunk, Zenoss, Confluence  
**Soft Skills:** Teamwork, Problem-Solving, Adaptability, Leadership, Critical Thinking, Conflict Resolution

## Experience

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### Google

October 2024 – Present

#### Cloud Technical Resident

Austin, TX

- Engaging in diverse rotations to gain exposure to customer interactions, technical support, and project management within GCP.
- Building expertise in cloud infrastructure, AI/ML, and AppMod through hands-on projects and collaboration with cross-functional teams.

### Stowers Institute for Medical Research

May 2024 – October 2024

#### Computational Researcher

Kansas City, MO

- Developing full stack bio-informatics tools using MERN stack for re-running and integrating experimental samples.
- Revamped Bioreports tool with Django and Python to automate report creation, reducing analyst workload by 95%.
- Automated pipelines that cut manual analysis and report generation time from days to minutes.

### The University of Kansas

February 2022 – July 2024

#### Web Developer

Lawrence, KS

- Designed and optimized websites for various centers, achieving more than **300,000** page views.
- Launched Wingspan KU web service, a new center to better serve students and faculty in writing and learning.
- Ensured WCAG 2.0 and Section 508 compliance for UASC websites, along with modern design and interface.

### Paycom Software, Inc.

May 2023 – August 2023

#### Software Engineering Intern

OK City, Oklahoma

- Streamlined employee referral process with QR codes by creating auto-completed Referral feature using SPA's.
- Developed a unified solution for referral tracking and sharing for over **6000** employees.
- Provided exportable referral data for employee and client-side reporting.

### KU Information Technology

April 2021 – February 2022

#### Full Stack Developer

Lawrence, KS

- Spearheaded the migration of **800** university websites to a new CMS system, impacting more than **30,000** students.
- Collaborated in the design, development, and deployment of websites for diverse departments.
- Provided comprehensive training and support for campus staff in utilizing the campus CMS (Drupal) system.

## Education

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### University of Kansas

August 2020 – May 2024

#### Bachelor of Science in Computer Science

Lawrence, KS

GPA: 3.8, Honor Roll, Full Tuition Scholarship, Undergraduate CyberSecurity Certificate, & Tradition of Excellence Award.

## Projects

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### KUbeSat | C, Python

Summer 2024

- Collaborated on a student-faculty project to develop cube satellites, focusing on the ADCS subsystem for stabilization and precise mission pointing. Successfully launched to orbit on July 4th 2024 by Firefly Aerospace.

### Kalamity | ReactJS, Netlify, API's (EONET, USGS, GoogleMaps)

Spring 2024

- Developed a real-time disaster tracking web app leveraging EONET and USGS data to map natural disasters with geo-location, alerts, and safe routes for users worldwide.

### Mapalyze | ReactJS, C#, .NET, Tailwind CSS, MySQL, Azure

Fall 2023

- Developed a floor plan conversion application transforming 2D floor plan images into dynamic 3D models, enhancing spatial visualization and providing indoor navigation features.