ASRAR FAROOQ

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Skills

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

Google   **October 2024 – Present**
Cloud Engineer - Infra   Austin, TX
- Designing, deploying, and managing scalable cloud infrastructure using Google Cloud technologies to support high-performance and distributed systems.
- Working on infrastructure solutions involving AI/ML workloads, optimizing compute performance using GPUs, TPUs, and Kubernetes-based clusters.

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

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

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.