

Omil Dudhat

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PROFESSIONAL WORK EXPERIENCE

Site Reliability Engineer II – *Paycom*

Jun 2025 – Mar 2026

- Owned production reliability for Kubernetes-based microservices on Linux, working across AKS, Helm, Docker, GitLab CI/CD, NGINX/Ingress, DNS, TLS, and Azure networking dependencies.
- Tuned Kubernetes workloads by right-sizing CPU/memory, HPA autoscaling, readiness/liveness probes, pod scheduling, deployment strategies, and ephemeral storage limits to reduce failures.
- Built GitLab CI/CD pipelines with YAML, Bash, Python, Docker artifacts, secrets, rollback stages, deployment approvals, and environment promotion workflows.
- Resolved incidents involving CrashLoopBackOff, OOMKilled, ImagePullBackOff, failed probes, node pressure, ingress routing, DNS failures, SSL/TLS certificates, and storage exhaustion.
- Automated SRE workflows using Python, Bash, Ansible, systemd, cron, SSH, and Linux package/configuration management for remediation, patching, health checks, and repeatable environment setup.
- Used Grafana, Kubernetes events/logs, kubectl, journalctl, systemctl, curl, tcpdump, nslookup, and Linux performance tools for on-call triage, RCA, and alert tuning.

Azure Cloud Solution Engineer – *Microsoft*

Oct 2023 – Jun 2025

- Led cloud migration projects, including ASE V2 to ASE V3 transitions, troubleshooting complex networking, deployment failures, and SSL/TLS issues. Advised best practices to Fortune 500 clients, including AT&T, GM, Coca-Cola, and Walmart.
- Optimized CI/CD pipelines using GitHub Actions, Azure DevOps, and Terraform, reducing deployment failures by 30% through automation and infrastructure standardization.
- Implemented Infrastructure as Code (IaC) solutions with Terraform and Bicep, ensuring consistent cloud resource provisioning across Azure environments.
- Optimized Linux-based infrastructures (Ubuntu, Red Hat) for performance, security hardening, and automation using Bash.
- Automated troubleshooting workflows using Python and Azure SDKs, improving error detection in cloud deployments, network configurations, and application health checks.
- Strengthened Azure cloud security by implementing role-based access control (RBAC), Azure Policy, and private networking, reducing security risks and ensuring compliance with best practices.
- Implemented Azure Container Apps for serverless containerized workloads, troubleshooting container health probe failures, API timeouts, and Envoy proxy misconfigurations.
- Debugged Azure Load Balancer and App Gateway issues, optimizing request routing and improving backend pool health probe.

Software Engineer – *Koddi*

Jun 2023 – Sep 2023

- Developed a Code Analyzer to detect bugs and enforce coding standards before deployment, enhancing code quality across 8 teams and impacting over 100 users.
- Designed and optimized C#/.NET applications for Koddi's Demand product, improving performance and maintainability.
- Automated database operations in SQL Server Management Studio (SSMS), implementing stored procedures and optimizing queries to improve data integrity and retrieval speed.
- Collaborated with AWS team, working on cloud integration, CI/CD pipelines (GitLab), and server-side optimizations.
- Technologies: C#, .NET Framework, AWS, SQL Server Management Studio (SSMS), GitLab, Postman (API Testing), ASPX.

Web Developer - *University of North Texas*

Aug 2022 – Jun 2023

- Worked on OMNICMS to develop web pages for the Digital Strategy and Innovation department of UNT (<https://online.unt.edu>)
- Full stack development of websites using HTML/CSS, JS, PHP, and OMNICMS, Use of web accessibility and WCAG 2.0.
- Handled Linux-server administration, Apache configuration, and administered server-side web applications for the department.

Software Engineer Intern - *OPAL, LLC.*

May 2022 – Aug 2022

- Worked on JavaScript, Python, ReactJS, Node.js, MongoDB, Figma to create an online NFT marketplace.
- Deployed the Meta Mask wallet feature and simultaneously performed end to end testing.
- Researched and developed an automation test framework for both front-end and back-end.

PERSONAL PROJECTS & ACHIEVEMENTS

Uber-Clone ([GitHub](#))

Redux, Nodejs, React, MySQL, Kafka, AWS

Online Banking System ([GitHub](#))

MERN Stack, ReactJS, ExpressJS, Nodejs, AWS

EDUCATION

University of North Texas (UNT) | Denton, Texas
Bachelor of Science in Computer Science

Graduation Date: May 2023