

# TALISH KHAN



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Innovative and Acquia-Certified Senior Drupal Developer & Technical Architect with 12+ years of experience in designing, scaling, and modernizing enterprise CMS solutions. Targeting to drive digital transformation through cloud-native architecture, AI-led automation, and scalable, high-performance web ecosystems.

## PROFILE SUMMARY

- Proven leader in **enterprise architecture design, multisite strategy, and decoupled implementations** integrating Drupal with **React, GraphQL, and microservices** for performance and flexibility.
- **DevOps and Cloud specialist** skilled in **Docker, GitHub Actions, AWS, and Azure**, driving zero-downtime CI/CD pipelines and automated delivery frameworks.
- Architected secure **API and payment integrations (Stripe, CRM, LMS)** improving reliability, transaction efficiency, and developer productivity through automation and standardized frameworks.
- Experienced **team mentor and client-facing consultant**, translating complex business goals into technical roadmaps, pre-sales solutions, and scalable delivery architectures.

## ACHIEVEMENTS

- Recognized consistently as a **top-performing technologist** for driving innovation, technical excellence, and measurable delivery impact across global enterprise projects including Nasdaq, Pfizer, and UNICEF.
- **Architected and led enterprise-scale Drupal ecosystems**, enhancing performance by **40%** and enabling seamless scalability across **10+ brand platforms** through standardized architecture and CI/CD automation.
- Designed and implemented **secure payment and subscription systems** using **Stripe and custom work-flows**, resulting in a **25%** reduction in support tickets and improved transaction efficiency.
- **Developed and optimized microservices in Go and PHP**, improving back-end scalability, caching efficiency, and data-driven application performance.
- **Automated DevOps pipelines using Docker and GitHub Actions**, enabling zero-downtime deployments and accelerating release cycles by **50%**.
- **Built an AI-powered documentation assistant leveraging NLP models**, reducing developer onboarding time by **30%** and improving cross-team productivity.

## CORE COMPETENCIES

- Enterprise Drupal Architecture & Custom Module Development
- Headless & Decoupled CMS Integrations
- Cloud-Native Deployments
- API Design & Third-Party Integrations
- Performance Optimization & Caching
- DevOps Automation & Continuous Delivery
- AI-Driven Development & Workflow Automation
- Solution Design, Technical Documentation & Presales Support
- Agile Delivery & Cross-Functional Team Leadership
- Security, Compliance & Accessibility

## TECHNICAL SKILLS

- **Drupal & PHP Stack:** Drupal (7-11), Custom Module Development, Layout Builder, Paragraphs, Views, Composer, Config Split, Twig, Drush, Symfony, PHP 8.2, Memcache, Redis, Varnish
- **Frontend Development:** React, SCSS, HTML5, CSS3, Storybook, Single Directory Components (SDC), Webpack, Accessibility (WCAG 2.1)
- **API & Integrations:** REST, JSON:API, GraphQL, Stripe, LMS (Opigno), WebSocket APIs, AI/Chatbot Systems (OpenAI)
- **DevOps & Cloud:** Docker, Docker Compose, AWS, Azure, GitHub Actions, CI/CD, Monitoring, and Performance Optimization

## SOFT SKILLS

- Leadership & Team Mentoring
- Strategic Planning & Decision-Making
- Analytical Thinking & Problem Solving
- Multitasking & Time Management
- Effective Communication
- Adaptability

## CERTIFICATIONS

- Acquia Certified Developer – Drupal 10 (Verified Enterprise Credential)
- Advanced PHP & Symfony Certification – TCS Center of Excellence
- Azure B2C Integration Specialist – Srijan Academy Training

## WORK EXPERIENCE

### January 2023 – Present | Software Developer Specialist | NASDAQ

#### Responsibilities:

- Leading the end-to-end development of Nasdaq.com, architecting and scaling enterprise-grade Drupal 9/10 solutions that sustain millions of global visits with uncompromised performance, security, and resilience.
- Driving the implementation of Stripe-based subscription management for Nasdaq Plus, automating billing work-flows, enforcing PCI compliance, and optimizing digital payment experiences across user segments.
- Enhancing the content delivery ecosystem by leveraging Layout Builder and Config Split to enable faster rollouts, streamline editorial operations, and improve multi-brand content governance.
- Collaborating with product, UX, and design leadership to align architectural decisions with strategic business outcomes, ensuring predictable sprint velocity and value-driven releases.
- Modernizing CI/CD operations by Dockerizing the deployment pipeline and integrating AI-assisted merge request reviews via GitLab, eliminating manual releases and elevating release reliability.
- Championing platform observability, monitoring uptime metrics, and driving proactive performance tuning to sustain a 24/7 always-on digital experience for Nasdaq's global audience.

**Impact:** Strengthened Nasdaq's enterprise CMS foundation through intelligent automation, robust architecture, and AI-driven delivery excellence—achieving 24/7 uptime, faster releases, and future-ready scalability.

### September 2021 – December 2022 | Drupal Technical Lead | Srijan Technologies

#### Responsibilities:

- Directed a high-performing team of 10 developers in delivering complex Drupal and decoupled React applications for enterprise clients across media and nonprofit domains.
- Devised end-to-end digital architectures for platforms such as UNICEF and major news organizations, incorporating JSON:API integrations, WCAG 2.1 accessibility standards, and Azure B2C authentication.
- Engineered SCIM-compliant REST APIs to streamline identity, access, and user lifecycle management across interconnected Drupal and CRM ecosystems.
- Orchestrated the integration of Adobe Campaign Manager with Drupal 9, automating omnichannel marketing work-flows and enabling personalized content distribution.
- Facilitated architecture design sessions and stakeholder workshops, transforming business objectives into executable, scalable Drupal solutions.
- Instituted a disciplined Git branching framework and implemented CI/CD automation to enhance delivery velocity and reduce code regression incidents by 40%.

**Impact:** Strengthened Srijan's enterprise delivery excellence by building resilient, secure, and high-performing Drupal ecosystems that became flagship success stories in the organization's portfolio.

### March 2013 – September 2021 | Senior Drupal Developer / Open-Source SME | Tata Consultancy Services (TCS)

#### Responsibilities:

- Worked as the Subject Matter Expert for Drupal and Open-Source technologies within the Global Center of Excellence, guiding and mentoring distributed teams across India, the UK, and the US.
- Spearheaded large-scale Drupal migrations and platform rebuilds for marquee clients including Pfizer, Sony Pictures, Bureau Veritas, and Air Vistara, unifying disparate systems into multilingual, multisite enterprise ecosystems.
- Architected and deployed the Opigno LMS for Pfizer's medical education initiatives, embedding SCORM compliance, data-driven insights, and interactive learning modules for over 10,000+ users.
- Integrated Drupal with Alfresco DMS, enabling secure, compliant, and efficient digital asset management and workflow automation.
- Delivered enterprise-wide technical enablement programs on Drupal 8 and Alfresco, earning six consecutive CLP Faculty Awards for global training excellence.
- Contributed to pre-sales and RFP initiatives by preparing technical estimates, architectural blueprints, and solution documentation that secured multi-million-dollar client engagements.

**Impact:** Positioned TCS's Open Source Center of Excellence as a global innovation enabler—accelerating enterprise digital transformation through scalable, secure, and open-source-driven solutions.

## EDUCATION

- Bachelor of Technology (B.Tech.) – Computer Science & Engineering | Integral University, Lucknow | 2008 – 2012

## AWARDS & RECOGNITIONS

- 6× CLP Faculty Awards – Honored by Tata Consultancy Services for Global Technical Training Excellence (Drupal & Alfresco)
- DAQ Awards – Recognized for exceptional delivery performance in enterprise-scale digital projects