

ABHILASH HONNAVALLI PUTTAIAH

Security & Edge Solutions Engineer | CDN · Bot Management · Enterprise Security · Fraud Prevention

<https://www.iamabhilash.in/> | <https://www.linkedin.com/in/abhilashhp/> | abilashhp69@gmail.com | +91 6361251166

PROFILE SUMMARY

- I've spent the last 4 years building the systems that decide in milliseconds whether a request to your website is a human or a bot trying to steal your content, scrape your prices, or commit fraud. That work lives inside Akamai's Bot Manager, used by some of the world's largest banks, retailers, and media companies. One thing I built is the Scraper Score system that flags evasive bots based on request-level signals before they ever touch your data.
- Before moving into product engineering, I spent 6 years as a Solutions Architect, which means I understand both how the technology works and what a real customer needs from it. That combination is rare in pure engineering roles.
- A few things I've delivered: Migrated 21 enterprise customers to a new security platform with zero SLA breaches, designed a DNS load balancer now running at 99.99% uptime, and led a cloud migration at BT that saved £3 million.
- I'm based in Bengaluru. BITS Pilani MS grad.

EXPERIENCE

Akamai Technologies - Bangalore, India

June 2022 to Present (4yrs) Senior Security Product Engineer

After spending 6+ years architecting CDN and edge delivery solutions for Akamai customers, I transitioned into cybersecurity engineering to focus on large-scale bot detection and fraud prevention systems within Akamai Bot Manager.

Key contributions include:

- Built the Scraper Score detection system for Akamai Content Protector classifying evasive bots using request-level signals before data exfiltration, protecting e-commerce and media clients generating billions in annual revenue.
- Architected the edge security metadata layer powering real-time bot detection across 200M+ daily requests, reducing detection-to-route latency by ~35%.
- Designed a DNS load balancer for Bot Manager's backend fleet achieving 99.99% uptime, eliminating single-point-of-failure risk for Fortune 500 fraud-prevention infrastructure.
- Drove 100% on-time migration of 21 enterprise customers to production beta with zero SLA breaches, reducing post-migration support volume by ~40%.

Akamai Technologies - Bangalore, India

January 2016 to May 2022 (6yr 5 months) Senior Solutions Architect

Solutions Architects are integral members of Akamai Professional Services, collaborating directly with clients to deploy tailored Akamai solutions. This role encompasses comprehending market trends and competitors, eliciting and analyzing customer requirements, identifying market gaps, and designing and implementing customized solutions.

Key contributions include:

- Served as a subject matter expert across 3 internal product-scaling initiatives, partnering with engineering teams to deliver structured beta feedback that influenced feature prioritization, improved integration quality, and accelerated product readiness across the solutions architecture organization.
- Implemented Akamai-as-Code frameworks for 10+ enterprise customers, embedding CDN configuration management into customer CI/CD pipelines and reducing deployment turnaround time by ~30% through infrastructure automation and repeatable delivery models.
- Owned end-to-end technical integration for 20+ enterprise accounts on Akamai's Web Performance and Security platform — covering configuration, go-live support, and cross-functional issue resolution with Sales, Engineering, and Product teams — maintaining a zero failed go-live record across all managed deployments.
- Led pre-sales technical evaluations and solution architecture engagements for 15+ enterprise accounts across

the APAC region, accelerating deal velocity through proof-of-concept delivery, executive stakeholder presentations, and real-time technical objection resolution that directly contributed to regional quota attainment.

Tech Mahindra, India

May 2012 to January 2016 (3yr 8 months) Software Engineer

- Delivered £3M in infrastructure cost savings for British Telecom by migrating 500+ enterprise clients from legacy Sentry API gateway to Vordel cloud platform with zero downtime in 4 months through meticulous cutover planning and continuous C-suite stakeholder engagement.
- Designed and developed web services, enterprise applications, and security integrations involving SSL/TLS, HTTP authentication, certificate management, and key-based access control mechanisms.
- Delivered end-to-end API gateway implementations for enterprise customers across 3 industry verticals, owning full-cycle policy development, infrastructure configuration, SSL/TLS security setup, and production issue resolution while maintaining zero post-deployment production incidents.
- Acted as a technical consultant during customer engagements, leading solution architecture discussions, product demonstrations, and technical presentations while optimizing implementation cost models across infrastructure, software, and operational components.

MENTORING

- Led the planning and development of comprehensive onboarding sessions tailored for interns and new hires.
- Facilitated the successful onboarding and rapid integration of 2 interns and 10 new hires, enabling them to effectively contribute to assigned tasks within just 2 months.

CORE TECHNOLOGIES

- Bot Mitigation & Fraud Prevention | API Security | DDoS Mitigation | Rate Limiting | Web Application Firewalls | DevOps
- Cloud & Edge Platforms | Content Delivery Network | DNS Architecture | Web Performance | Enterprise Integrations | SSL/TLS

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate | Issuer: Amazon Web Services
- AWS Certified Developer – Associate | Issuer: Amazon Web Services
- Microsoft Certified: Azure Fundamentals | Issuer: Microsoft
- Associate Cloud Engineer | Issuer: Google Cloud

AWARDS & RECOGNITIONS

- Webex Bot Hackathon Runner Up in 2025. We built a tool that makes time tracking simpler, faster, and more reliable — directly improving billing accuracy and productivity at Akamai.
- “Thunderclap Award” from Akamai Security Engineering for demonstrating thoroughness in grasping product intricacies, features, and design, tirelessly seeking out corner cases to ensure timely delivery of Content Protector in beta.
- Recognized as "The Most Impactful Person" among a team of 210 members by Torsten, VP of Global Services. Acknowledged for demonstrating a customer-first attitude and consistently helping peers, contributing significantly to the team's success.
- Achieved a Spot Award from Charlie, Senior Vice President of Global Services, for successfully migrating 10 major customers from Instart CDN to Akamai within a challenging timeframe and meeting strict deadlines.

EDUCATION

Masters in Telecommunication and Software Engineering
Birla Institute of Technology, Pilani

Graduated in June 2015
Distinction

Bachelors in Telecommunication
Visvesvaraya Technological University, Belgaum

Graduated April 2011
First Class

INTERESTS

- Stock Market Enthusiast: Passionate about following market trends, analyzing financial data, and exploring investment opportunities.