

ANIKET CHAKRABORTY

AI/ML Enthusiast • Full-Stack Developer • Linux Systems Administrator

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PROFESSIONAL SUMMARY

Results-driven IT Infrastructure & Full-Stack Developer with 2+ years of hands-on experience in Linux server administration, DevOps automation, and full-stack web development. Proficient in Ubuntu VPS hardening, Nginx/Apache configuration, MySQL/MongoDB optimization, Docker, AWS, and Cloudflare. Currently pursuing MCA (AI/ML Specialization) with active project experience in multilingual NLP, REST API development, and AI-powered SaaS platforms. AWS Solutions Architect – Associate certified. Proven track record of reducing query execution time by 40%, improving page load speed by 35%, and maintaining SLA compliance above 90%.

TECHNICAL SKILLS

Operating Systems & Infrastructure: Linux (Ubuntu), VPS Management, SSH, UFW Firewall, DNS, TCP/IP, Bash Scripting

Web Servers & DevOps: Nginx, Apache, Docker, Git, GitHub, CI/CD, LAMP/LEMP Stack

Cloud & Networking: AWS (EC2, S3, Route53), DigitalOcean, Cloudflare, CDN, SSL/TLS

Databases: MySQL, MongoDB, PostgreSQL, SQLite – query optimization & schema design

Programming Languages: Python, PHP, JavaScript, C#

Frameworks & APIs: Laravel, REST APIs, Chrome Extension Development, NLP/ML model training

PROFESSIONAL EXPERIENCE

Freelance IT Infrastructure Consultant & System Administrator | Self-Employed

Jan 2024 – Present • Remote – India & Singapore

- Provisioned and hardened Ubuntu VPS instances; enforced SSH key-based authentication and configured UFW firewall rules, reducing unauthorized access attempts by 100%.
- Installed, configured, and maintained Nginx as a reverse proxy with SSL/TLS termination for multiple client domains, ensuring 99.9% uptime.
- Migrated client domains to Cloudflare; diagnosed and resolved SMTP delivery failures, restoring email deliverability within 2 hours.
- Administered MySQL and MongoDB databases; optimized slow queries achieving a 40% reduction in execution time.
- Implemented frontend and backend performance optimizations, reducing average page load time by 35%.
- Managed incident response for P1 issues, achieving average resolution time under 3 hours with SLA compliance above 90%.
- Delivered remote IT support across multiple time zones, maintaining clear technical documentation for all client environments.

Full-Stack Developer Intern | Euphoria GenX (Industrial Training)

Apr 2023 – Sep 2023 • West Bengal, India

- Configured LAMP and LEMP environments for client web projects, ensuring stable and performant deployments.
- Assisted in deploying Laravel and PHP applications to production hosting servers.
- Managed source code using Git with branching strategies; authored technical documentation for internal processes.

KEY PROJECTS

BhashAI – Multilingual AI Writing Platform | Feb 2026 – Apr 2026

- Built full-stack AI system with Python backend, Chrome extension, and REST APIs for grammar correction, rewriting, and transliteration.
- Trained multilingual NLP models on 750K+ dataset samples; developed a real-time performance monitoring dashboard.
- Tech: Python, NLP/ML, REST API, Chrome Extension, Flask

MN Electrical – Service Management Web Platform | Jan 2026 – Mar 2026

- Managed end-to-end VPS lifecycle including deployment, monitoring, and performance optimization.
- Configured automated backup and restore processes ensuring high availability; triaged production bugs post-launch.
- Tech: Linux VPS, Nginx, MySQL, PHP

KoshGrid – GST Billing & Inventory Desktop Software | Dec 2025 – Mar 2026

- Designed SQLite database schema for billing and inventory; implemented automated backup on every write cycle.
- Provided remote installation support and bug resolution for end users.
- Tech: SQLite, Python/C#, Desktop App Development

Mudra Mate – AI-Based Cashflow Management | Jan 2026 – Present

- Built full-stack finance platform with backend APIs and database systems for real-time cash flow tracking.
- Implemented AI-driven automation for expense insights and financial reporting.
- Tech: Python, REST API, MySQL, AI/ML

EDUCATION

Master of Computer Applications (MCA) – AI/ML Specialization

Chandigarh University | Aug 2025 – May 2027 (Pursuing)

Bachelor of Computer Applications (BCA)

University of Burdwan | Aug 2020 – May 2023

ITI – Electrical & Electronics Systems (NCVT Certified)

NCVT Certified Institute | Aug 2018 – May 2020

CERTIFICATIONS & ACHIEVEMENTS

- ✓ AWS Solutions Architect – Associate | Amazon Web Services
- ✓ Generative AI Development Course | AI/ML
- ✓ Game Development in C++ & Unreal Engine 5
- ✓ Industrial Training – PHP, MySQL, WordPress & Laravel
- ✓ Diploma in Computer Accountancy

LANGUAGES

English (Proficient) • Bengali (Native) • Hindi (Conversational)