EMRIN ANGELOV

Engineer
DevOps · Cloud · Full-Stack · OpSec

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SKILLS

Programming Languages: TypeScript, Rust, Python, JavaScript, PHP, HTML, CSS

Framework & Libraries: Astro, Next.js, Node.js, React, Vue.js, Nuxt.js, Tailwind CSS, Redux, Remix.js, Cordova, Jest

Cloud & DevOps:
- **Platforms & Infrastructure:** AWS, GCP, Kubernetes, Docker, Docker Compose
- **CI/CD & Automation:** GitHub Actions, Terraform, Shell Scripting, Cron Jobs
- **Server Management & Security:** Linux (Qubes OS, Debian, Fedora), Server Hardening, Session Management (stateless & stateful), Web Application Firewalls (WAF), Hosting (bare-metal, cloud, hybrid)

Databases & Storage: • **SQL:** MySQL, PostgreSQL • **NoSQL:** MongoDB, Firebase • **Others:** Redis, Elasticsearch, Prisma (ORM)

APIs & Integration: REST, GraphQL, Webhooks, Authentication (OAuth, JWT), Stripe (Payments & Subscriptions), Chatbots & AI APIs

Cybersecurity & Defense: OWASP Best Practices, Rate Limiting, Advanced Cybersecurity, OpSec, PGP, Cyber Defense, Qubes OS, CAPTCHA Implementations, Bot Mitigation

Performance & Architecture:
- **Backend Architecture:** Scalable & Efficient System Design, Caching Strategies
- **Frontend Optimization:** SEO, SSR/SPA/SSG, Site Performance Improvements, UI/UX & Frontend Design Principles

Other Tools & Concepts: Cryptocurrency integrations (wallets, payment gateways), WordPress, SEO, Linting & Formatting

Soft Skills: Problem-Solving & Decision-Making, Teamwork & Leadership, Research & Analysis

EXPERIENCE

Full Stack & DevOps Engineer – Tech Firm (NDA Project)
International – Remote | 02/2024 – 02/2025
Architected and deployed two secure, high-performance web platforms using Astro, React, Tailwind, and Nginx. Hosted on GCP with Docker, orchestrating builds and deployments through shell scripts and GitHub Actions. Strengthened security (WAF, OWASP, server hardening) and integrated crypto wallets, caching, and subscription workflows. Implemented robust authentication, session management, and privacy features while refining UI/UX for seamless experiences. Led R&D initiatives to optimize performance.

nbold: Full Stack & DevOps Software Engineer – nbold.co & Microsoft Teams App
Station F – Paris, France | 01/2022 – 02/2024
Drove the architecture and full-stack design (React.js, Next.js, TypeScript) for nBold's collaboration platform, used by organizations of all sizes. Developed Connected-Apps (in partnership with tray.io) as a low-code application platform to streamline app creation. Built nBold Analytics using Metabase and PostgREST to enable real-time data insights for users.
Conducted technical interviews and engaged in R&D initiatives to explore emerging technologies and optimize product offerings.

Aclipt: Creator & Founding Developer – aclipt.com
Paris, France | 03/2020 – 11/2023
Launched and scaled an international service hub for booking appointments with professionals across multiple industries. Owned the entire product stack (backend, frontend, security, privacy, automation, SEO) and handled many non-technical aspects of building a startup. Implemented key features, including: Global Interactive Geoquerying and an Interactive Online Agenda, Automated Management Systems, Subscriptions with per-use billing, User-Customizable Multi SMS & Email & Web Notifications, I18n, Theming, Automated Horizontal Scaling using CDN+LB, Cloud NoSQL, CI/CD, Data Privacy, Companion iOS + Android applications.

Other: Vendunt: online marketplace for historic beverages such as mead built on Shopify + RemixJS variant
e10v.com | emrinangelov.com: Vue/NuxtJS Static Generation + AWS + Github Pages
SOLUTEC Internship: Building an AI Chatbot with TensorFlow & integrating it in a web environment via Django

EDUCATION

Politecnico di Milano: Computer Science and Engineering
Milan – Città Studi, Italy | 2018 – 2019
Field of Study: computer science with focus on software architecture and digital project management.

École Supérieure d'Ingénieurs Léonard de Vinci: Engineering and Computer Science
Paris – La Défense, France | 2016 – 2018
Field of Study: general engineering with focus on information technology, big data, and cloud infrastructure.

Prépa Chaptal: CPGE PTSI-PT* – **Higher Science and Technology**
Paris 75008, France | 2014 – 2016
The Higher School Preparatory Classes consist in two intensive years of science and technology training.