



SERAFIM SUKHENKIY

Technology Leader
Full-Stack Developer

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PROFILE

Founding engineer with 20+ years building products from zero to scale. I write the code, shape the architecture, deploy the infrastructure - and ship. I scale teams when needed and make the hard calls when it matters. Deep experience across full-stack (Python/Django, React/Next.js), ML (vision models, document understanding, transformers), and LLM-based systems (agents, RAG, tool use). Technology decisions start with customer problems, not tickets.

CORE SKILLS

- Python Django Javascript Typescript
- React Next.js REST APIs AI & NN
- AWS CI/CD Agile Testing Security
- Leader Mentor Decision Maker
- Problem Solver Critical Thinker
- Detail Oriented

EDUCATION

Southern Federal University 2003 - 2008

MS in Mathematics and Computer Science

Coursera, DeepLearning.AI 2017 - 2018

Neural Networks and Deep Learning Specialization

TECH STACK

Languages & Core Stack

- Python (10+ yrs) – backend, scripting, multithreading, CLI tools, packaging, virtualenv/pip, AI.
- TypeScript / JavaScript (7+ yrs) – React, Next.js, AngularJS, jQuery, Node.js
- SQL – PostgreSQL, MySQL, SQLite; schema design, queries, triggers, backup/restore
- Also used: Swift, Bash, PHP, C, C++, Perl

Backend & APIs (Python)

- Django / DRF (8+ yrs) – large REST APIs, heavy Celery usage, middleware, custom admin
- Flask – SQLAlchemy, Alembic, Flask-Admin, Celery, WTFORMS, Jinja, unit tests
- Async / Realtime – Tornado-based async HTTP services and websocket-like messaging
- Patterns: modular service layers, background jobs, transactional workflows, multi-environment configs

Frontend & UI

- React / Next.js – SPAs and SSR, forms, tables, filters, modals, onboarding flows
- Previous experience with AngularJS, Bootstrap, HTML/CSS/LESS, build tooling (Grunt, Bower)

Data, ML & Neural Networks

- Practical experience with NNs & Deep Learning: CNNs, RNNs/LSTMs, Transformers, vision models.
- Torch, TensorFlow (and related tooling) for Vision, OCR, speech, music, chatbots, MT, NLP
- Most practical experience related to arch drawings reading, processing on different levels and a lot of related tasks.

Testing & Quality

- Pytest, unittest, React Testing Library, Cypress, ESLint, Prettier
- In love with testing of all types.

Cloud, Deployment & DevOps

- AWS – Elastic Beanstalk, EC2, S3, RDS, SES, CloudWatch, GuardDuty, Boto/AWS API
- DevOps – Kubernetes, Docker, Terraform, OpenTofu, Helm, ArgoCD, Fabric, Bash, multi-env pipelines
- System administration – Linux servers, iptables/firewall/NAT, Nginx, Apache, MySQL, cron, Bind, GitLab, Redmine

Embedded, IoT & Hardware (Bonus)

- Raspberry Pi & micro boards – RPi, Radxa Rock, CubieBoard: OS install/customization, golden images, GPIO drivers in Python, local Flask UI for diagnostics, zero-touch Wi-Fi/network setup
- Microcontrollers – Arduino family, ESP8266/ESP32/ESP32-cam: home automation meshes, MQTT, GPS trackers with REST APIs and Wi-Fi access from mobile devices
- CNC machines

Process & Collaboration

- Agile/Scrum, Git, GitHub/GitLab, Jira, Redmine, Trello, Asana
- Comfortable acting as senior/tech lead: code reviews, mentoring, guiding architecture and delivery

UI/UX Design

- Have taste and opinions on good graphical design - this CV build it Figma. Using Figma a lot

PROFESSIONAL EXPERIENCE

Principal Engineer at Charter

Mar 2024 - present

Django AWS Leadership Mentorship Team Coordination Decision-Making

Technical lead for Bryte IQ, an internal API platform and developer portal serving automotive and partner integrations.

- ✓ Hands-on across backend (Python) and frontend (React), contributing code while supporting BE/FE developers through reviews and technical guidance
- ✓ Defined observability strategy and MVP: Splunk integration, metrics, tracing, alerting dashboards
- ✓ Architected app registration and partner onboarding flows; helped ship Amazon as a launch partner
- ✓ Supported first production launch of WiFi Offload for automotive customer

Co-Founder and CTO at Scoreboard AI

Jan 2024 - present

Django AI Research React Next.js AWS Leadership Mentorship Team Coordination Decision-Making

Built and lead a full-stack platform that turns construction drawings and specs into searchable, structured data for project and procurement managers. Hands-on across Python/Django APIs, React/Next.js front-end, and ML pipelines (OCR, layout analysis, CSI classification), while owning system architecture on AWS (K8S, infrastructure as code OpenTofu) and working directly with design partners to shape product direction and workflows.

Director of Development at Orbit

Mar 2022 - Mar 2024

Django React Next.js AWS Leadership Mentorship Team Coordination Decision-Making

Promoted from founding engineer to lead development. Stayed hands-on.

- 🔗 Led a major technology overhaul that **improved system performance by 30%**.
- 🔗 Introduced enhanced QA protocols that **reduced critical bugs in production by 62%**.
- 🔗 **Cut cloud hosting costs by 22%** through efficient resource management.
- ✓ Built and led team of developers while still writing and reviewing code daily

Founding Full-Stack Developer at Telespine

Nov 2015 - Mar 2022

Django React AWS Leadership Mentorship

- 🔗 Pioneered and executed over **80% of the application's development** from scratch.
- 🔗 Scaled for growth: **40% faster load times, 65% faster reporting** through query optimization
- ✓ Actively contributed to both front-end and back-end coding tasks.
- ✓ Guided technical direction: architecture, stack decisions, development practices
- ✓ Mentored developers; managed continuous deployment pipeline

Co-Founder and CTO at NiceCode

Nov 2011 - Nov 2015

Entrepreneurial Leadership Team Building Product Development Customer Focus

- 🔗 Co-founded software development agency. Grew to **20 engineers and \$500k annual revenue**.
- ✓ Led client projects end-to-end: scoping, architecture, delivery
- ✓ Managed and mentored a diverse team of software engineers
- ✓ Built internal project management system from scratch

Lead Full-Stack Developer at Netto Solutions

Oct 2010 - Nov 2011

Flask Tornado React RPi

- 🔗 Built smart irrigation system: weather tracking, scheduling, **30% reduction in water usage**
- ✓ Full-stack + mobile development; worked directly with stakeholders on product direction

Independent Full-Stack Software Engineer

Jan 2008 - Oct 2010

Python Django React Node SQL Customer Management

- 🔗 Successfully **delivered 35 diverse projects**.
- 🔗 Achieved **100% customer success** rate, evidenced by positive feedback and reviews.
- 🔗 Accumulated over **5900 hours** of hands-on development work.
- ✓ Full-stack development, systems architecture, direct client relationships.

Web Developer and System Administrator at Sychev&Co

Jan 2006 - May 2009

PHP Linux Technical Support

- ✓ Web development and Linux/Windows server administration.