Antonina Serdyukova

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Summary

Full Stack Software Engineer with a B.S. in Computer Science and 5+ years of experience building scalable applications and APIs. Proficient in JavaScript/TypeScript (Next.js, React, Node.js), Python, SQL/NoSQL, GraphQL, and cloud services (AWS, Azure, Netlify). Co-Founder & Technical Lead at Taksu Boards, where I architect the full technology stack with Next.js and Strapi, shaping both digital product development and brand identity.

Work Experience

Taksu Boards – Remote (Bali, Indonesia)
Co-Founder & Technical Lead | 2020 – Present
- Architect and implement the full technology stack for a surfboard brand, including a custom Next.js + Strapi platform for e-commerce, content, and customer onboarding.
- Lead product development from concept to launch, aligning technology with business and brand strategy.
- Integrate analytics and marketing tools to optimize content delivery and engagement.
- Direct brand identity and design strategy, creating a cohesive digital presence.

Happy Cog (formerly Vector Media Group) – New York, NY | Remote (Miami, FL)
Full Stack Software Engineer | 2017 – 2020
- Developed and maintained scalable web applications, APIs, and CMS platforms using React, Node.js, Laravel, Craft CMS.
- Implemented custom integrations to improve content workflows and site performance.
- Partnered with design, marketing, and business teams to deliver client-facing solutions.
- Built internal automation tools to improve deployment and development workflows.

New York Code + Design Academy – New York, NY
Adjunct Faculty, Web Development Intensive | 2017 – 2018
- Taught adult learners JavaScript, React, Node.js, and web development fundamentals in a part-time intensive program.
- Customized curriculum with modern frameworks and mentored students through hands-on projects.

AOL Inc. – New York, NY
Software Engineer Intern | Summer 2017
- Built and tested mobile features with React Native, Redux, and Firebase

CUNY John Jay College – IT Department – New York, NY
Web Developer | 2016 – 2017
- Built web applications with JavaScript, PHP, and SQL Server; designed databases, APIs, and improved site accessibility and UI.

Avatar New York – New York, NY
Web Developer | 2014 – 2016
- Built client websites and e-commerce platforms using JavaScript, Python, AWS; improved SEO and performance.

Education

Bachelor of Science, Computer Science and Information Security, CUNY John Jay College of Criminal Justice, 2017 — Summa Cum Laude, GPA 3.96/4.0

Skills

- Languages & Frameworks: JavaScript/TypeScript (React, Next.js, Node.js), Python
- Databases & APIs: SQL, NoSQL, GraphQL
- Cloud & DevOps: AWS, Azure, Netlify, Docker, Linux
- Other: UI/UX design, product strategy, multilingual (Russian fluent; Spanish & French conversational)

Honors and Awards

- Summa Cum Laude, B.S. Computer Science & Information Security, CUNY John Jay College
- Academic Excellence Award, Borough of Manhattan Community College
- Goldman Sachs Leadership Program (Fall 2013)

Research Experience

CUNY John Jay College of Criminal Justice – Undergraduate Researcher | 2016 – 2017
- Conducted research in cybersecurity and network forensics, including projects on Mirai botnet detection and insider threat analysis.