

Nikita Kozlov

nikita@stroika.io | 541-968-6988 | nikitakozlov.com

Adaptable computer engineer with extensive knowledge of electronics and programming, strong communication skills, and a proven track record as a team player.

SKILLS & TECHNOLOGIES

Hardware: *Circuit Design and Analysis, Embedded Programming, Schematic Capture and PCB Layout, Wiring and Soldering, Signal Analysis, KiCad*

Software: *JavaScript, C/C++, Python, Node.js, HTML, CSS, React, Vue, PHP, RESTful, SQL, MongoDB, GraphQL, AWS, Google Cloud, CI/CD, Unit Testing, Agile Methodologies, Linux Service Scripting, Git, Adobe Creative Suite, DaVinci Resolve, Figma*

EDUCATION

California Polytechnic State University | San Luis Obispo, CA

B.S. Computer Engineering | 2006 - 2010

Courses: *Electric Circuit Analysis, Digital Signals and Systems, Data structures, Digital Design, Object-Oriented Programming and Design, Technical Writing, Electronics Manufacturing*

EXPERIENCE

Freelance - IT & Media Consultant

2022 - Present

- Developed a CRM integration for a client that auto-generated documents by gathering information from multiple SaaS applications using Google Cloud.

Foureyes - Software Engineer

2019 - 2022

- Identified and addressed buggy monolithic code which led to a 15% increase in users.
- Implemented a style guide using linting and documentation which was adopted across all the engineering teams.
- Recreated AWS infrastructure using AWS-CDK to make deployments over 75% faster.
- Co-Authored a new version of our API using a strongly typed, class-based dependency injection structure.
- Ensured 100% unit test coverage on all pull requests, maintaining high code quality and reliability.

Figure Plant - Digital Engineer

2015 - 2019

- Designed and developed electronic circuits for projects, focusing on integrated lighting, mechatronics, actuation, and communication, with a strong emphasis on safety and reliability.
- Created detailed schematics, wiring diagrams, and CAD drawings to facilitate seamless integration of electrical equipment.
- Assembled, integrated, and tested electrical circuits, wiring, PCBs, and displays to ensure functionality and performance.
- Collaborated with a distributed team, effectively managing tight deadlines, budgets, and ambiguity through clear communication and innovative problem-solving.