Ildar Sagdejev

specious@gmail.com | +1 707 786-3112 | github.com/specious

SUMMARY

Experienced software engineer with extensive experience designing and delivering high-performance systems — from cloud-native services to dynamic web and mobile applications. Specializing in AWS-led architectures with rapid adaptability to GCP or Azure, I bring a unique blend of deep technical expertise and strong client communication skills to every project. With a proven track record in agile, short-term engagements and freelance roles, I excel at turning complex problems into scalable, secure solutions.

CORE COMPETENCIES

- **Full-Stack Development & Cloud Architecture:** TypeScript, JavaScript, React, Node.js, AWS (Lambda, EC2, DynamoDB, RDS), serverless design
- **DevOps & CI/CD:** GitHub Actions, CloudFormation, agile methodologies (Scrum/Kanban)
- **API & Security Integration:** OAuth (1/2), secure authentication, blockchain wallet integrations
- **Systems & Automation:** Distributed systems, high-performance infrastructure, cross-platform app development

PROFESSIONAL EXPERIENCE

Freelance Software Developer (Remote)

- Delivered end-to-end software solutions for diverse clients, ensuring scalable performance and robust security
- Integrated complex APIs with advanced authentication schemes and blockchain wallet support using Next.js and AWS
- Delivered client-tailored solutions on rapid development cycles

Senior Software Engineer – Litter Map (Remote)

- Built a scalable, cloud-native distributed system using AWS (Lambda, DynamoDB, S3, RDS)
- Developed a proprietary user session system and specialized developer kit for building native executable Lambda functions
- Automated deployments via CloudFormation and GitHub Actions, significantly reducing release cycles

Lead Developer – Figure8 Technologies (Remote)

- Architected a modular casino game engine and comprehensive game development kit, enabling the client to establish themselves as a game supplier with an initial suite of 12 interactive casino games
- Ensured full regulatory compliance, underpinning rapid business growth in a competitive market

Software Engineer – LEAP Technologies (Office)

- Developed automation systems for coordinating laboratory equipment and robotic arms, integrating with industry-standard software
- Enhanced engineering workflows while delivering a robust solution for scientific data collection and process automation

OPEN SOURCE & EDUCATION

Open Source: Maintainer of 42+ GitHub projects; active contributor to developer tooling and libraries
Education: B.S. in Physics and Mathematics – University of North Carolina at Chapel Hill