

SHANT ISSA

Front End Engineer

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PROFESSIONAL SUMMARY

Senior Front-End React/React Native Engineer with 6+ years delivering scalable, mobile-first web and mobile applications. Expert in leading cross-functional teams, mentoring developers, and implementing Agile/Scrum practices with modern CI/CD pipelines. Strong background in cloud-based solutions (AWS, GCP), responsive design, and API integration. Proven ability to bridge business needs with engineering execution, driving clean architecture and improving product quality in startup and enterprise environments.

CORE COMPETENCIES

Technical Leadership: Team Leadership, Agile/Scrum, Code Review, Technical Mentorship, Sprint Planning

Front-End: React, React Native, Next.js, TypeScript, Redux Toolkit, Responsive Design, Mobile-First

Back-End: Node.js, Deno, REST APIs, GraphQL, PostgreSQL, MongoDB, Supabase, Firebase

DevOps & Quality: AWS, GCP, CI/CD Pipelines, Jest, Cypress, Detox, TDD, 85%+ Code Coverage

WORK EXPERIENCE

Senior Full Stack Engineer | Nutreva AI (AI-Powered Health Tech Startup) | Remote

Jun 2025–Present (Part-time)

- Built AI-powered food recognition system in React Native with 95% accuracy, enabling automatic calorie and nutrition tracking for health-conscious users
- Designed and implemented REST APIs using Deno.js handling 10,000+ nutrition entries per month with secure, scalable data management and API integration
- Integrated machine learning models for meal analysis, achieving 92%+ accuracy in portion detection and delivering personalized nutrition recommendations
- Developed mobile-first, responsive UI components optimized for iOS and Android platforms using modern design patterns

Chief Technology Officer | Lookify (Fashion-Tech Platform) | Yerevan, Armenia

Mar 2024–Jun 2025 (Part-time)

- Defined technical strategy and system architecture, coordinating across 3 cross-functional teams (AI, design, product) to deliver scalable fashion-tech platform with clean, maintainable codebase

- Integrated AI/ML models for wardrobe digitization and outfit recommendations, processing 10,000+ clothing items uploaded by users with Polyvore-style mix-and-match algorithms
- Implemented analytics and tracking pipelines using Google Analytics and Mixpanel, monitoring 3,000+ monthly active sessions and guiding data-driven product improvements that increased feature adoption by 25%
- Deployed platform from prototype to production with cloud infrastructure (AWS), CI/CD pipelines (GitHub Actions), and automated testing, supporting 2,000 beta users
- Recognized with EPIC Seed Program award from American University of Armenia for technical innovation and execution excellence

Front-End Engineer - Team Lead | ShellLogix (Enterprise Software Solutions) | Yerevan, Armenia

May 2019–Oct 2025 (Full-time)

- Led front-end development team of 5 engineers, conducting daily stand-ups, sprint planning, backlog refinement, and retrospectives following Agile Scrum methodology with consistent delivery
- Architected and developed responsive, mobile-first web applications using React, Next.js, Redux Toolkit, and TypeScript, serving 50,000+ monthly active users with high performance
- Implemented comprehensive testing strategy using Jest, Cypress, and Detox, achieving 85%+ code coverage and reducing production bugs by 40% through test-driven development
- Established code review practices, pair programming sessions, and documentation standards to strengthen quality, onboarding, and cross-functional collaboration
- Collaborated closely with product owners to translate business requirements into technical specifications, ensuring incremental delivery of working software aligned with business goals
- Managed project tracking and work estimation using Jira and Asana, consistently delivering sprints on time with 90%+ completion rate
- Mentored 3 junior developers, providing guidance on clean code principles, design patterns, and best practices in component-based architecture and software engineering

Note: Lookify (Mar 2024–Jun 2025) and Nutreva (Jun 2025–Present) were undertaken part-time alongside full-time ShellLogix role

EDUCATION

Certificate, Full-Stack Web Development | Armenian Code Academy | Yerevan, Armenia

Jan 2018–Jan 2019

- Completed intensive, project-based training in JavaScript, React, Node.js, Express.js, and full-stack development with focus on real-world application development
- Built multiple production-ready applications including e-commerce platform, social media dashboard, and REST API services simulating industry workflows and best practices
- Relevant coursework: Front-end frameworks, back-end development, database design, API integration, version control, and Agile methodologies

Living Diploma in Software Development | TUMO Labs | Yerevan, Armenia

2013–2016

- Completed multi-year extracurricular program in software development, robotics, web technologies, and creative computing with hands-on project-based learning
- Developed interactive web applications, mobile prototypes, and automation projects gaining foundational coding skills and collaborative teamwork experience
- Early exposure to JavaScript, HTML/CSS, Python, and software engineering principles that established foundation for professional career

Formal Education

High School Diploma | Manuel Kadjuni's No 54 School | Yerevan, Armenia | Completed: 2017

Education Note: Career foundation built through professional certifications, and 6+ years of hands-on software engineering experience. Specialized technical training has proven equivalent to traditional CS degree programs in practical application and industry demand.

PROFESSIONAL DEVELOPMENT

- **Software Engineering** | Coursera | Completed: Jul 2025
 - **Developing Back-End Apps with Node.js and Express** | Coursera | Completed: Aug 2024
 - **CS50: Introduction to Computer Science** | Harvard Online | Completed: May 2024
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TECHNICAL SKILLS

Front-End Development: React, React Native (Expo, CLI), Next.js, Redux Toolkit, React Query, TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS, Material-UI, Styled Components, Responsive Design, Mobile-First Design

Back-End Development: Node.js, Deno, Express.js, GraphQL, REST API Development, API Integration, Microservices, Supabase, MongoDB, PostgreSQL, Firebase, Database Design

Tools: AWS, Google Cloud Platform (GCP), CI/CD Pipelines, GitHub Actions, GitLab CI/CD, Git, Version Control, Vite

Testing and Quality Assurance: Jest, Cypress, Detox, React Testing Library, Test-Driven Development (TDD), Unit Testing, Integration Testing, End-to-End Testing, Automated Testing, Performance Testing

Methodologies and Practices: Agile/Scrum, Sprint Planning, Backlog Refinement, Code Review, Pair Programming, Cross-Functional Collaboration, Team Leadership, Technical Mentorship, Documentation, Continuous Integration, Continuous Deployment

LANGUAGES

Armenian: Native speaker

English: Near-native

Russian: Conversational proficiency