RAHUL NAGESH

SOFTWARE DEVELOPER – iOS Frameworks & Full-Stack Web Architecture — Swift, Node.js, React.js

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SKILLS

- **Programming & Frameworks**: Swift 5, Objective-C, Python, Django, JavaScript, React.js, Node.js, Java
- **Mobile Development & UI**: SwiftUI, UIKit, Auto Layout, NSLayoutConstraint, Stevia, TinyConstraints
- **App Deployment & CI/CD**: App Store releases, provisioning profiles, signing certificates, TestFlight, Fastlane
- **Web Development**: HTML5, CSS3, JavaScript, React.js, Node.js, Postman, Figma, Firebase, Git, GitHub
- **Libraries & APIs**: Alamofire, Combine, Realm, Lottie, Maps API, Kingfisher, SDWebImage, SnapKit, RxSwift
- **Architecture & Testing**: MVC, MVVM, OOP, Dependency Injection, Modular Architecture, XCTest, XCUITest

WORK EXPERIENCE

Senior iOS Developer   **November 2020 – April 2024**
QBurst   *India*

- Managed development of 4 iOS apps including driver behaviour, social media, shop registry, and logistics solutions; built UI, API integration, XCTest/XCUITest, and functional testing, achieving 0 critical issues at release.

- Mentored juniors on internal social media platform, delivering MVP in 10 weeks; conducted code reviews, defined architecture and dependency management, improving code maintainability and reducing build errors by 40%.

- Acted as Scrum Master for internal Agile project, planned & executed sprints, tracked progress, & coordinated across teams; achieved 100% sprint goal completion with measurable improvements in feature delivery timelines.

- Integrated accessibility features across applications for visually & hearing-impaired users, aligning with criteria; resulted in 15% boost in retention for accessibility-focused user base, verified via simulated usability testing.

- Collaborated with clients including AIG, Zendrive, Ituran, & Mercedes-Benz R&D India to gather requirements, align goals, & deliver optimized mobile solutions; supported 5+ live deployments with zero post-launch defects.

- Diagnosed and fixed critical app bugs across 4 iOS applications, reducing crash by 50%, improving stability and user retention; performed real-time debugging and memory leak resolution to enhance application performance.

- Managed application platforms, streamlined development, testing, & deployment; created POCs for product upgrades, refactored logistics app from Objective-C to Swift, boosting runtime & developer output by 30%.

- Addressed urgent feature requests and vulnerabilities under deadlines, maintaining application security and functional compliance; executed testing to ensure 100% reliability in production builds across all client apps.

- Automated unit and UI testing pipelines using XCTest and XCUITest, cut manual testing time by 50%, identifying 98% of regression issues before deployment, and maintaining full functional coverage across 4 applications.

Web Developer   **May 2024 – August 2025**
Independent / Academic Projects   *Ontario*

- Designed a full-stack eCommerce app with Home page, ElasticSearch product search, cart functionality, checkout flow; utilized HTML, CSS, JavaScript, Django backend, PostgreSQL data persistence, 100% functional coverage.

- Deployed a full-stack marketplace platform with authentication, product listings, purchase flow, admin controls; built with React.js, Node.js, MongoDB, enabling 500+ simulated transactions with 0 data error during testing.

- Engineered driver's license registration platform with G2/G test registration, admin scheduling, examiner scoring; integrated role-based access control & data storage in MongoDB, handling 200+ concurrent simulated users.

- Developed online grocery ordering platform with responsive Home page, ElasticSearch product listing, cart management, billing, and purchase history; configured Node.js backend with MySQL handling 1000+ records.

- Created a travel website with Home, Destinations, Hotels, Gallery, About, and Contact pages; produced interactive galleries and booking features using HTML, CSS, JavaScript; handled 500+ interactions with 0 errors.

- Integrated backend APIs for marketplace and grocery platforms with Node.js, maintaining 99% uptime during testing; optimized MongoDB/MySQL queries to reduce execution time by 35% under simulated load conditions.

- Integrated ElasticSearch on eCommerce and grocery platforms to improve product search speed by 45%; implemented indexing and filtering logic to handle 10k+ records without latency in real-time user search simulations.

- Conducted testing including unit & functional tests on self-engineered platforms, detecting & resolving 95% of potential errors pre-deployment; maintained code log, ensuring reproducibility & maintainability across projects.

- Implemented continuous integration and version control using Git and GitHub for all self-developed platforms, reducing merge conflicts by 60%, ensuring consistent build integrity throughout branches and teammates.

Technical Support Advisor   **Oct 2025 – present**
Concentrix   *Nova Scotia*

- Resolved customer inquiries via phone, chat, or email, improving customer satisfaction by 80% through efficient handling of technical questions.

- Collaborated with different departments to address customer questions, resulting in a 65% increase in cross-departmental efficiency

- Addressed customer complaints and concerns, reducing complaint resolution time by 30%, and enhancing customer loyalty

- Maintained accurate records of customer interactions, increasing data accuracy by 90%, and providing a reliable source for future reference

EDUCATION

Post Graduation in Web Development
Conestoga College, Milton, Ontario

Bachelor of Computer Science and Engineering
PRIST University, India

ACCOMPLISHMENTS

- Won a national-level hackathon for designing a chair (in AutoCAD) for children suffering from Cerebral Palsy.
- Sub-core team member for Crossroads 2019, the annual college fest.
- Facilitated in inter-college debate competitions and acorss the school-level Science and Literary Fests.
- Selected to serve as the Student Principal for a simulated school functioning event conducted yearly.

CO-CURRICULAR ACTIVITIES

- Active participant in the International School Award (ISA) initiatives.
- Volunteered for Kerala Flood Relief Resource Collection Camps.
- Engaged in the Science and Literary Team at school, conducting experiments and data analysis.
- Engaged in the editorial team for the College Magazine, using LaTeX and InDesign for formatting.
- Anchored professional and academic events with impact, managing scheduling and technical presentations.