Dominic Cobb

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SKILLS

- **Languages**: Javascript/Typescript, Kotlin, Swift, Objective-C, Python, Golang
- **Top Frameworks**: Android, React Native, Node.js, iOS
- **Databases**: MongoDB, PostgreSQL, DynamoDB, MySQL, Redis
- **AI:** Langchain stack, Gemini, OpenAi, Perplexity, Pytorch, OpenCV
- **Misc:** AWS, GCP, Firebase, Amplify, GraphQL, Jest, Maestro

SUMMARY

Versatile Mobile Software Engineer with 5+ years of experience building high-performance mobile and full-stack applications. Skilled at developing secure, scalable full-stack solutions, and utilizing modern cross-platform tools like React Native. Proven track record of leading teams, optimizing app performance, and implementing best practices in software architecture, testing, and DevOps. Well-versed in secure software development, with hands-on familiarity with offensive security tools to proactively address vulnerabilities. Passionate about staying ahead of emerging technologies and integrating cybersecurity principles into every stage of the Mobile product development lifecycle.

EXPERIENCE

Pizza Hut - Software Engineer   **Sept 2023 - Current**

Contributed to the development of the high-traffic Pizza Hut Android and iOS apps, top-ranked in the food category with millions of active users.

- **Custom Payment Integration**: Developed a React Native turbo module from scratch using Objective-C and Swift for Apple Pay, creating a reusable package for seamless payment functionality across multiple brands.
- **Feature Delivery & Testing**: Delivered new features using Expo and TypeScript, employing test-driven development (Jest, Maestro) to maintain code quality and reliability on both Android and iOS.
- **Store Release**: Collaborated with product and marketing teams to optimize the App Store & Google Play Store listing and successfully release the new Pizza Hut mobile app, ensuring compliance with store guidelines and a smooth rollout for millions of users.

General Assembly - Software Engineering Lead Instructor   **Sept 2022 - April 2023**

Accepted a 6-month contract to lead a cohort of adult learners, leveraging deep coding expertise to deliver a comprehensive, project-based curriculum.

- **Full-Stack & Cross-Platform Instruction**: Taught the fundamentals of JavaScript through advanced React concepts, while also introducing Python with Flask and Go with Fiber.
- **Hands-On Learning**: Blended dynamic presentations with interactive labs, guiding students through coding tasks and practical exercises that reflected real-world applications.
- **Curriculum Development**: Designed lesson plans and coding challenges that showcased industry best practices, reinforcing principles with hands-on demonstrations and in-depth explanations

Extra Card - Senior Software Engineer   **Apr 2022 - Sept 2022**

Served as the mobile team lead, driving critical technical transformations and process improvements to deliver a robust, secure, and user-friendly mobile application—significantly enhancing user satisfaction and reinforcing the company's credibility. The position concluded due to company-wide layoffs affecting over 70% of the workforce.

- **Codebase Modernization**: Led the transition from JavaScript to TypeScript in the React Native codebase, establishing a modular MVVM architecture and directly coding key features with MobX.
- **Updates & Compliance**: Took a hands-on role in resuming feature updates for the mobile app after an 8-month pause, ensuring PCI compliance and closing security gaps.
- **Comprehensive Testing Strategy**: Introduced robust unit, integration, and end-to-end tests, reducing customer-reported bugs by 40% and significantly improving app stability and performance.

Seventh Ave - Lead Mobile Engineer   **Nov 2020 - April 2022**
As the developer of the pre-seed MVP, I was hired as the first engineer post-funding. In this dynamic and intensive role, I led a team of engineers and partnered closely with leadership, design, and marketing to build a real-time social media application using technologies like WebRTC, React Native & AWS.
- **Native Module Development**: Built custom Kotlin modules for Android and Swift modules for iOS, enhancing cross-platform performance and bridging platform-specific features in a single codebase.
- **Event-Driven Architecture**: Designed, coded, and maintained scalable, real-time systems using TypeScript, NestJS, Redis, RabbitMQ, WebSockets, Agora, and Janus media servers, enabling low-latency interactions on mobile devices.
- **Agile Leadership**: Oversaw and participated in sprints, managing task allocations in an Agile environment with Jira, ensuring timely delivery of features.
- **CI/CD**: Implemented a CI/CD pipeline using Fastlane and integrated build deployments to the Google Play Store, automating testing and distribution for seamless release cycles.

KNEX Technology - Software Engineer   **Jul 2019 - Nov 2020**
Contributed to UX/UI and frontend functionality improvements across six cloud-based SaaS products while learning under an Oracle ACE Director, gaining advanced knowledge of Oracle Cloud and enterprise architecture.
- **Front-End Development**: Built interactive, responsive interfaces using Oracle JET and Android, significantly enhancing user experiences and reducing UI-related issues.
- **Oracle Cloud Integration**: Collaborated on projects utilizing Compute, Oracle Database, APEX, API Gateway, Fusion Applications, and Oracle REST Data Services, strengthening overall platform performance.
- **Mentorship & Growth**: Benefited from direct mentorship by an Oracle ACE Director, sharpening skills in enterprise architecture and secure, scalable cloud deployments.

FREELANCING
Spark – Real-Time Social Media Platform   **2022 - 2024**
- **Full-Stack Development**: Led the design and creation of a real-time social media platform using React Native, Nest.js, GraphQL, Redis, and MongoDB, delivering a robust and scalable user experience.
- **Geolocation & Geofencing**: Implemented geolocation-based features and a geofencing system within React Native to boost user interaction and engagement.
- **App Deployment & Recognition**: Successfully launched on the Google Play Store and Apple App Store, earning recognition on NBC Chicago for its innovative approach and community impact.

EDUCATION & CERTIFICATIONS
- General Assembly - *Software Engineering Immersive*   **2020**
- Lake Washington Institute of Technology - *Mechanical Engineering (No Degree)*   **2009-2012**

For a hands-on look at my portfolio please visit **www.dominiccobb.ai**