

Dominic Cobb

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SKILLS

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

SUMMARY

Versatile Software Engineer with 5+ years of experience developing high-performance mobile and full-stack applications. Adept at creating secure, scalable solutions across platforms, with expertise in React Native, TypeScript, iOS, and Android. Proven track record of leading teams, driving technical transformations, and implementing best practices in software architecture, testing, and DevOps. I am also well-versed in secure software development practices and familiar with many offensive security tools. I'm passionate about staying ahead of emerging technologies and integrating cybersecurity principles into modern software development.

EXPERIENCE

Pizza Hut - Software Engineer

Sept 2023 - Current

As an engineer on the Pizza Hut mobile team, I contributed to the development of the Pizza Hut iOS and Android apps. These apps are among the top 20 food category apps and have millions of daily active users.

- Developed a React Native turbo module from scratch using Objective-C and Swift for customized Apple Pay integration, creating a sharable package for seamless payment functionality across multiple brands.
- Implemented new features using Expo and TypeScript, ensuring high-quality code through test-driven development practices with Jest integration tests.
- Collaborated with cross-functional teams to deliver seamless and secure payment solutions, improving user experience and transaction efficiency.

General Assembly - Software Engineering Lead Instructor

Sept 2022 - April 2023

While searching for a role as a full-time developer, I accepted a 6-month contract to teach a cohort at General Assembly as a lead instructor. I leveraged my deep coding expertise to educate adult learners, reflecting a level of understanding that comes from extensive hands-on experience. The curriculum I delivered covered the basics of full-stack development using JavaScript all the way to advanced React concepts. I also covered the basics of Python using Flask along with Go and Fiber.

- I showcased my in-depth knowledge through a teaching style that blended dynamic presentations with interactive labs, providing a project-based learning experience that highlighted real-world applications.
- I spent most of my time committed to hands-on instruction, meticulously planning lessons that included coding tasks and practical exercises to demonstrate the principles taught.

Extra Card - Senior Software Engineer

Apr 2022 - Sept 2022

As the mobile team lead, I led impactful technical transformations and spearheaded key process improvements, resulting in a more robust, secure, and user-friendly mobile application. These efforts enhanced both the user experience and the company's credibility. My tenure concluded due to company-wide layoffs that affected over 70% of the workforce.

- Led the conversion of our React Native codebase from JavaScript to TypeScript and pioneered a modular, MVVM-based front-end architecture through my direct coding contributions using MobX.
- Took a leading, hands-on role in resuming updates for our iOS and Android applications after an 8-month hiatus from customer-facing updates, ensuring a PCI-compliant mobile app.
- Implemented comprehensive testing methodologies for the mobile codebase. Introducing unit, integration, and end-to-end tests where none existed before, reducing customer-reported bugs by 40%.

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 the design and marketing departments to build a real-time social media application using React Native & AWS.

- Built custom native modules using Kotlin & Swift.
- Conceptualized, coded, and maintained scalable, event-driven systems utilizing technologies such as Typescript, Redis, Nestjs, Websockets, RabbitMQ, Agora, and Janus media servers.
- Directed and participated in sprints, managing task allocation in an agile environment using Jira.
- Built CI/CD pipeline for iOS and Android platforms, employing Fastlane, TestFlight, and app stores.

Knex Technology - Software Engineer (Intern)

Jul 2019 - Nov 2020

As an engineering intern, I significantly contributed to improving UX/UI and frontend functionality across six cloud-based SaaS products. Under the mentorship of an Oracle ACE Director, I honed my skills in Oracle Cloud and enterprise architecture, gaining in-depth knowledge and experience in the field.

- Collaborated on projects utilizing key Oracle Cloud technologies, such as Compute, Oracle Database, APEX, API Gateway, Fusion Applications, and Oracle REST Data Services.
- Utilized front-end technologies like Oracle JET, and Android to develop interactive and responsive user interfaces, resulting in enhanced user experiences and a notable reduction in UI-related issues reported by

Freelancing

Spark – Real-Time Social Media Platform

- Led the design and development of a robust full-stack, real-time social media platform leveraging React Native, Nest.js, GraphQL, Redis, and MongoDB.
- Implemented a geolocation-based feature coupled with a geofencing system via React Native, augmenting user interaction and engagement.
- Launched the platform successfully on Apple's App Store, achieving recognition and being featured on NBC Chicago for its innovation and 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