Lionel Coevoet
Software Developer

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SUMMARY

Software Developer with a strong foundation in full-stack development, object-oriented programming, and modern frameworks. Adept at leveraging new technologies to build intuitive, user-centred applications. Passionate about AI, automation, and continuous innovation to enhance software performance, drive efficiency, and craft meaningful digital experiences that make an impact. Known for a hands-on approach, problem-solving mindset, and ability to quickly adapt in dynamic environments.

SKILLS

Technical Skills

- Programming Languages: JavaScript, TypeScript, Swift, Java, C++, C#, MySQL, HTML/CSS
- Frameworks & Tools: Next.js, React, Node.js, ShadCN, CI/CD, Docker, AWS, GitHub, Jest, GraphQL
- Agile Methodologies: Scrum, Sprint Planning, Continuous Integration
- UX/UI Design: Figma, Sketch, Wireframing, Prototyping, User-Centred Design
- Cloud Technologies: AWS, API Integration, Cloud-Based Solutions

Soft Skills

- Strong collaboration with cross-functional teams
- Problem-solving under high-pressure scenarios
- Quick adaptability to new technologies and frameworks
- Focus on continuous improvement and innovation
- Effective communication across diverse teams and stakeholders

PROJECTS

Bachata.au (WebApp)
Bachata.au – Founder & Lead Developer · www.bachata.au · February 2025 - Present
- Developed **Bachata.au**, a platform connecting **50+ event organizers** and **1000+ dancers** across **50+ events** in Australia.
- Built with **Next.js 15**, **TypeScript**, and **Shad CN** for a scalable, responsive UI.
- Leveraged **Firebase** for real-time data syncing and user authentication.
- Deployed on **AWS** for high performance and uptime.
- Streamlined **event coordination**, **accommodation booking**, and **community engagement**.

Shopeze (Cross-platform App)
Shopeze.au – Founder & Developer · June 2023 - December 2023
- Developed **Shopeze**, a **React Native** shopping list, enabling **collaborative list sharing**, **recipe management**, and **weekly meal planning**.
- Integrated **barcode scanning** for **2,000+ items** using **react-native-camera**.
- Implemented **real-time data syncing** via **Firebase** for seamless updates.
- Utilized **Redux** for **state management**, ensuring smooth user experiences and efficient data flow.

EXPERIENCE

Frontend Developer @ Piex Education   September 2023 -March 2025, Sydney
- Developed web applications using **JavaScript, React.js, and TypeScript**, increasing page load speed by **30%** and boosting user retention.
- Designed and implemented UX/UI solutions, improving user engagement by **25%** and customer satisfaction by **15%**.
- Integrated DB & APIs with backend teams, reducing data retrieval time by 35%, implemented UI components to cut bugs by 40%
- Engineered reusable UI components, reducing development time for new features by **40%** and increasing team productivity by **30%**.
- Led sprint planning, code reviews, and optimized CI/CD processes, decreasing deployment time by **50%**.

Student Ambassador/Mentor @ Academy of Interactive Media   March 2022 - Present, Sydney
- **Mentored** over 20 students in various subjects, providing academic and technical support to help overcome challenges.
- **Improved** class understanding by 25% by guiding students through problem-solving techniques and complex concepts.
- **Led** weekly study sessions for groups of up to 5, boosting collaboration and group problem-solving skills.
- **Provided** personalised support to over **15 students**, addressing individual academic needs and helping develop effective study habits.
- **Guided and supported** students, leading to a **30% increase in participation** in coursework and group activities

EDUCATION/CERTIFICATION

Bachelor of Information Technology
Major: Mobile Application Development · Academy of Interactive Media · Sydney · 2023
- Focus on **mobile app development** using **iOS/Android, Swift, Java, React Native**, and **Flutter**.
- Applied UX, cloud, and backend skills to build user-friendly apps through hands-on projects.
- Built cross-platform mobile applications from concept to deployment, integrating third-party APIs and real-time databases.
- Collaborated on team-based projects using Agile methodologies and version control tools like Git.
- Gained practical experience in debugging, testing, and optimizing mobile apps for performance and usability.

AWS Cloud Practitioner
Benefits & Design Principles of the AWS Cloud · March · 2025
- Identified key benefits of **AWS Cloud**, including scalability, **cost-efficiency,** high availability, and global reach.
- Explored core design principles such as designing for failure, leveraging managed services, and **automating infrastructure**.
- Gained foundational understanding of security **best practices** using IAM, encryption, and least privilege access.
- Applied cost optimization techniques and monitoring strategies using AWS-native tools like **CloudWatch**.
- Emphasized elasticity, loose coupling, and global deployment strategies for **cloud-native architecture**.

Full Stack Development Bootcamp
AWS, AI, ShadCN, Vercel, Next.js · January · 2025
- Built and deployed full stack applications using **Next.js, TypeScript, and Tailwind CSS**.
- Utilized **ShadCN UI** components to create responsive, accessible, and modern UIs.
- Built cross-platform mobile applications from concept to deployment, integrating **third-party APIs and real-time databases**.
- Gained hands-on experience deploying scalable apps on **Vercel with CI/CD integration**.
- Leveraged AWS services to implement backend functionality and cloud infrastructure.
- Explored integration of **AI capabilities** using APIs for features like **chatbots**, recommendation engines, and **content generation**.

Bachelor's degree in business accounting *France · 2005*
- Gained foundational expertise in financial reporting, budgeting, and business analysis.
- Studied corporate finance, taxation, and auditing principles to support strategic decision-making.
- Built cross-platform mobile applications from concept to deployment, integrating third-party APIs and real-time databases.
- Applied accounting concepts through case studies and practical assignments.
- Developed strong analytical and problem-solving skills for interpreting financial data.

CGLI Certificate Part 2/3 Accountant *France · 2002*
- Gained hands-on experience with ledger entries, reconciliations, and payroll systems.
- Studied financial regulations and accounting standards relevant to business practices.
- Applied accounting concepts through case studies and practical assignments.
- Strengthened attention to detail and accuracy through real-world accounting exercises.
- Built a solid foundation in bookkeeping, financial accounting, and cost accounting.