

Justin Christopher Crosbie

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Summary

Highly experienced Senior Full Stack Software Developer with expertise in React/Next.JS, Native Mobile Development, Node.JS, Java, and Rust. Proven track record in startups, cybersecurity/identity/OAuth, AI/LLMs, and banking industries. Skilled in developing robust applications and leading technical teams to success.

Core Skills

- **Full Stack Development:** React, Next.JS, NodeJS, Java, Rust, python, Angular
- **Front-end:** HTML5, CSS3, JavaScript, TypeScript, Tailwind CSS
- **Mobile Development:** Swift, Java/Kotlin, React Native, Flutter, Xamarin/C#, Ionic
- **Backend Development:** Java Spring Boot, NestJS, Express.JS, AWS, Docker
- **Databases:** Postgres, Oracle, MongoDB, PL/SQL
- **Authentication & Security:** OAuth/OpenID, SAML, Ping Identity, Keycloak, Auth0, Okta, LDAP, AD
- **AI/LLMs:** ChatGPT APIs, OpenCV, TensorFlow, Llamaindex, LangChain, RAG
- **Blockchain:** Solidity, web3.js, MetaMask
- **DevOps:** AWS, Terraform, CI/CD (Bamboo, Jenkins), Git, Bitbucket
- **Project Management:** Agile Methodologies, Product Owner, Tech/Team Lead

Recent Employment

December 2023 – Present: Freelance Consultant

- **Role:** Tech Lead/Senior Engineer
- **Projects:**
 - AAV (Anonymous Age Verification with Liveness): aav-service.com
 - OAuth Delegation: Power-of-Attorney functionality for OAuth login
 - Wallet Nation: Escrow service for crypto transactions
- **Technologies:** Rust, Java Spring Boot, React, Next.JS, Angular, WASM, ChatGPT APIs, OpenCV, TensorFlow, AWS (Rekognition, Amplify, Lambda, Elastic Beanstalk)

June 2023 – December 2023: ubank Pty Ltd

- **Role:** Tech Lead
- **Responsibilities:** Implemented MFA/Passkey-based authentication using Ping Identity, managed procurement, technology selection, and software development
- **Technologies:** Node, NestJS, Angular, Ionic, NgRX, Capacitor, Swift, Kotlin, AWS, Terraform

August 2015 – June 2023: Haventec Pty Ltd

- **Role:** Full Stack Developer, Frontend Architect, Tech Lead, Team Lead, Product Owner
- **Responsibilities:** Developed strong authentication solutions, managed customer requirements, led a team of 10 developers, implemented Agile practices, deploying a SaaS product to AWS CI/CD with focus on tests
- **Technologies:** Java Spring Boot, Node/Express, Postgres, React, Angular, NgRX, Keycloak, Docker microservices, AWS

Entrepreneurial Work

- **Passkeyme.com:** SaaS platform for Passkey authentication (Rust, React, Stripe payments)
- **Choons:** Music app for auto-curation and ranking (Flutter, Rust)
- **AI/LLM Projects:** LLM-based chatbot, music video creation service, social media sentiment analysis
- **Blockchain:** DApp based on a Solidity contract and React frontend

Education

- **Machine Learning:** Completed online courses by Andrew Ng
- **MSc in Technology Management:** UCD Smurfit Business School, 2.1 GPA
- **Graduate Diploma in Computer Engineering:** University of Limerick, 2.1 GPA
- **B. Eng. in Electronic Engineering:** University of Limerick, 2.2 GPA, Neural Networks project

Interests and Hobbies

- Amateur music production, reading, jogging, gym, and technology projects

References

Available on request