

# Dave Kavanagh

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## PROFILE

Motivated and results-oriented Senior Software Engineer with 7 years of experience in designing, developing, and deploying scalable software solutions. Known for my passion for problem-solving and continuous learning, I thrive in dynamic environments where innovation and collaboration are paramount. Proven track record of leading cross-functional teams and delivering high-impact projects on time and within budget.

## Key Skills

<b>Languages:</b>	Rust, TypeScript, JavaScript, Scala, Java, Terraform
<b>Frameworks/Libraries:</b>	Node.js, Spring, Play Framework
<b>Tools/Technologies:</b>	AWS, Docker, Git
<b>Architecture &amp; Design:</b>	Microservices, RESTful APIs, Event-Driven Architecture
<b>DevOps:</b>	CI/CD, Infrastructure as Code (IaC), Monitoring & Logging
<b>Leadership &amp; Collaboration:</b>	Team Leadership, Agile Methodologies, Mentorship, Cross-Functional Collaboration

## CAREER HISTORY

### **Evervault, Senior Software Engineer**

**2024 - Present**

- Developing cloud-native software on AWS using Rust and TypeScript, utilising Terraform for infrastructure provisioning. My role focused on creating clean, scalable APIs and integrating with third-party APIs in ways that enhanced functionality and improved the developer experience of those APIs.

### **Apata, Senior Software Engineer**

**2022 - 2024**

- Developing the next-generation ACS (Authentication and Cardholder Verification) system, ensuring secure and flexible authentication solutions for eCommerce transactions.
- Led the design and implementation of key features and services using TypeScript, JavaScript, and AWS technologies, resulting in improved system performance and reliability.
- Successfully spearheaded migration of the codebase from JavaScript to TypeScript, enhancing code quality and maintainability.
- Collaborated closely with cross-functional teams to drive project success and meet aggressive deadlines.

### **Salesforce, Software Engineer**

**2021 - 2022**

- Contributed to the integration of Salesforce functionality into Slack, developing TypeScript-based Slack apps and backend integrations using Java/Spring.
- Utilised AWS, Jenkins, and Terraform for infrastructure provisioning and deployment automation.
- Actively participated in Agile ceremonies and provided technical leadership within the team.

### **Workday, Software Engineer - Distributed Systems**

**2017 - 2021**

- Played a key role in both maintaining legacy systems and developing new features in a highly distributed microservices architecture.
- Improved the reliability and performance of the integration runtime platform, troubleshooting and resolving production support issues.
- Led a team in creating onboarding materials to accelerate new engineers' learning of the Scala programming language.
- Actively participated in code reviews, architectural discussions, and sprint planning sessions.

### **Qumas/Dassault Systèmes, Software Development Intern**

**2016 - 2016**

- Conducted research and development activities, including prototyping proof-of-concept solutions for data ingestion and indexing.
- Worked with real-time data stream processing technologies such as Apache Spark and Kafka, gaining valuable experience in big data processing.

## EDUCATION

### **BSc. Software Development, Cork Institute of Technology**

**2013 – 2017**

**Grade:** First class honours

## INTERESTS AND ACTIVITIES

- I'll browse the likes of HackerNews and ProductHunt daily, I like to keep in touch with new tools and trends.
- I'm a huge sports fan and love to watch football, rugby, golf, boxing, MMA, formula 1.
- On/off amateur runner. I completed my first marathon in Dublin '22, hopeful of participating again next year.