

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

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| Languages: | TypeScript, JavaScript, Scala, Java |
| Frameworks/Libraries: | Node.js, Spring, Play Framework |
| Tools/Technologies: | AWS, Docker, Git |
| Architecture & Design: | Microservices, RESTful APIs, Event-Driven Architecture |
| DevOps: | CI/CD, Infrastructure as Code (IaC), Monitoring & Logging |
| Leadership & Collaboration: | 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.

- Most free time nowadays is spent entertaining our 1 year old son.