

Iulian Ilea

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Summary

Senior Software Engineer with 10+ years of experience building enterprise SaaS products, data-intensive web applications, and business intelligence platforms. Deep expertise in React, TypeScript, frontend architecture, interactive data visualization, analytics, complex user interfaces. Experienced collaborating across the stack with Node.js, SQL databases, REST APIs, Docker, Azure, and cloud-based systems.

Experience

Lead Frontend Engineer, Vnomic Inc. (2021–2026)

- Built applications for SAP landscape visualization, cloud cost management, and embedded analytics.
- Designed data-driven interactive graph visualizations using React, D3.js, and Graphviz.
- Integrated Power BI Embedded SDK with custom drill-through and filtering capabilities.

Software Engineer, self-employed (2019-2021)

- I worked on the FactSquared app. Rewrote the app in an OOP way to achieve better code management.
- Worked on various projects, frontend and/or backend, SmartBotCoin and DinGradina being two of them, the former one being an own initiative started with two other colleagues.

Director of User Interface, Aera Technology (2014–2018)

- Led frontend architecture for Aera's business intelligence platform.
- Defined engineering standards and collaborated closely with product and backend teams.

Lead Frontend Engineer, FusionOps (2010-2014)

- Joined as the fifth employee and first UI engineer.
- Built the frontend architecture from the ground up.
- Helped establish the company's second engineering office in Cluj-Napoca.

Education

Bachelor of Science, '1 Decembrie 1918' University, Alba Iulia, Romania (2005–2008)