ANDREAS MIKALSEN ROVIK

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SKILLS

- **Proficient**: TypeScript/HTML/SCSS, Node.js, Angular, Material UI, Infor (M3/ION/H5), Git, Jira, BitBucket.
- **Familiar**: Python, Java, Spring Boot, Azure, React, Highcharts, AG Grid, Docker, Kubernetes, SQL, JWT

PROJECT EXPERIENCE

- 2023 – *Modular ERP dashboard and reporting tool* – Led the prototyping and front-end development using TypeScript, Angular 17, and Java Spring Boot. Implemented authorization code flow by utilizing Microsoft MSAL in the front-end and a dedicated service user in the back-end, allowing for secure data retrieval from Infor ION APIs, and resulting in decreased licensing expenses.

- 2023 – *Delivery management integration for warehouse operations* – Simplified business processes by engineering a tailored Angular 17 application utilizing Infor's Odin framework to interface with the ERP system, featuring scheduling and assignment, streamlined pick and pack workflow, and overviews of issued deliveries.

- 2023 – *Employee time registration synchronization* – Developed scheduled Azure Function App to perform batch synchronization of employees between Entra ID and the company's cloud-based time registration provider.

- 2022 – *ERP middleware, Cloud readiness project* – Contributed towards consolidating all services consuming data from the on-premises ERP tenant into a monolithic middleware solution, and refactored the entire suite of Infor M3 H5 scripts and personalizations using Infor design system and enterprise web component frameworks.

- 2022 – *Vessel condition monitoring portal* – Addressed performance issues and enhanced user experience by implementing React Query caching, and created Highcharts components to display real-time analytics.

- 2020 – *Online student community* – Initiated and led a Discord channel during the Covid-19 pandemic, promoting remote learning activities. Implemented a Python bot integrating TimeEdit and Canvas APIs. The server peaked with over a thousand members, including active participation from professors and assistants.

EMPLOYMENT

Developer – Brunvoll   2022 – Present
- Developing software solutions and internal tools tailored towards the organizations (ERP) business systems.
- Actively engaging with super-users and other internal customers to facilitate their requirements.
- Minimizing technical debt by continuously updating and thoroughly documenting systems.

Freelance – Aschehoug Undervisning   2021 – 2022
- Digitized STEM books using XML and CSS for design, and LaTeX for representation of graphs and formulas.
- Ensured the validity of mathematical expressions, and adherence to universal design principles.

Assistant – Molde University College   2020 – 2022
- Conducted weekly lectures on the fundamentals of Python programming and OOP concepts.

EDUCATION

Bachelor of Science, IT and digitization   Molde University College, 2022

OTHER

- **English language proficiency:** Advanced, IELTS Academic Band Score 8.5 / CEFR C2.
- **Driver's license:** Category B, issues in Norway.