

Fred Nordell



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Online

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Languages

Bilingual
 Swedish/English

Programming

JavaScript, Java, Scala,
 NoSQL, SQL, Material
 Design, \LaTeX

Tooling

Git, k8s, Helm, YAML,
 bash/zsh

About Me

Software Engineering student with a interest for SCM, security and Agile processes.

I'm currently studying my Master of Science in Engineering, Computer Science and Engineering at The Faculty of Engineering at Lund University. I've worked with the Open Banking PSD2 directive, Web development using Node Js, Kubernetes and Helm. I have a newfound interest in reliability engineering and tooling for development.

Recently I have branched out into security-focused courses and aim to complete my masters thesis within this area. To broaden my views I have also taken courses in Marketing, Industrial Economics, Agile coaching and Patent and Intellectual Property Rights.

Education

Current	Master of Science in Engineering, Computer Science and Engineering	Lund University, Lund
2012–2015	High School Diploma Natural Sciences	Norra Real, Stockholm

Experience

Current	Sinch <i>Junior DevOps Engineer</i> At Sinch i had the opportunity to work with Software Reliability Engineering. My main focus was to promote the use of SLI and SLO driven development. I got experience in kubernetes, Helm, Gitlab pipelines, Keptn and Cloud events. I also got limited experience with terraform, flux, flagger, aws and hasicorp vault. Detailed achievements: <ul style="list-style-type: none"> Created pipeline components to define sli and slo in yaml and use these to be able to quality-gate deployments. 	Malmö, Sweden
2020 Jan – Dec	Smart Refill AB <i>Part Time Software Engineer</i> At Smart Refill I worked with with migrating reporting and business intelligence report tools. I got experience in XML, jasper and SQL querying.	Helsingborg, Sweden
2019 June – Aug	Tink <i>Summer internship - Software engineer</i> As part of Integration, my team was responsible for integrating the new APIs exposed the banks as a consequence of the PSD2 regulation into Tinks' existing systems. I got first hand experience working agile with a very skilled team and team lead, as well as experience integrating new data paths into a existing backend. Detailed achievements: <ul style="list-style-type: none"> Worked with the PSD2 Open Banking Project interfacing towards banks Open API platforms. The work consisted of the use of APIs, HTTP protocols, and financial trusted Certificates. Successfully integrated towards multiple major banks in Europe. 	Stockholm, Sweden

GBS Junior Consultant

I joined IBM through the Tekniksprånget initiative. After the internship I got the opportunity to continue working at IBM as a Junior Consultant at IBM GBS. During my time I worked on a CSR project developing a statistic platform for an organisation aiming to increase the use of fully electric taxis in Sweden. I learned full-stack development and worked with both SQL and NoSQL databases as well as multiple web development frameworks.

Detailed achievements:

- Successfully developed a material design styled website with interactive maps and search using Angular and Google libraries; Autocomplete, Google maps etc.
- Developed and deployed Node backend with IBM Cloudant database using CI tools and the IBM cloud PaaS.

Volunteer work

2019	Head of introduction at D-guild and member of the board	Datatekniksektionen inom TLTH
	As the head of the introduction I was tasked with putting together and managing a project group of 5. We were in charge of 100 mentors and the introduction of 230 new students.	
2018	Treasurer and member of the board	Datatekniksektionen inom TLTH
	Treasurer at Datatekniksektionen inom TLTH involves doing the accounting and finance for the organisation as well as proposing a budget. As a member of the board I have written policies and regulatory documents for the organisation.	
2018	Project manager: Development of new Website & Backend	Datatekniksektionen inom TLTH
	As project manager for the development of Datatekniksektionen's new website I have gotten experience in project management, configuration management and DevOps.	
2016	Mentor	Code Club
	Code Club is a voluntary initiative aimed at teaching children aged 9 to 11 how to code. It originated from the United Kingdom, and is now supported in Sweden by IBM.	
2015	IST: ICT Department	WOSM - World Organisation of the Scout Movement
	At the World Scout Jamboree I had the opportunity to work in the ICT department in the reception desk. I experienced how a well thought out system can experience difficulties when deployed and how to solve them with limited resources.	

Skills

Full-stack development, Agile development, DevOps (SRE)

Interests

Professional: Project Management, SRE, Configuration Management, CSR.

Personal: Scouting, Home Networks and Home Automation, Photography.