MICHAEL EDWARDS

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SKILLS

INFORMATION TECHNOLOGY
- **programming languages** (Rust, Java/Kotlin, C/C++, Python)
- **toolkits** (tide/actix-web, flamegraph, lombok)
- **ops** (Linux, Kubernetes, monitoring, CI/CD, IaC)

SOFTWARE ENGINEERING
- **testable design** (TDD)
- readable code (expressive names/stypes, code smell awareness, **self-documenting**)
- keen sense of responsibility decomposition (finding **good abstractions**)

PRAISE FROM THE COMMUNITY
- "Nice find @medwards -- thank you for the contribution." - Andrew Lamb, arrow-rs
  https://github.com/apache/arrow-rs/pull/236
- "thanks a lot for your work on this!" - Henrik, ncspot
  https://github.com/hrkfdn/ncspot/pull/44
- "@medwards Thanks so much for doing this!" - Andrew Gallant, rust-csv
  https://github.com/BurntSushi/rust-csv/pull/97
- "Looks pretty sharp." -- Zach Holman, GitHub
  https://github.com/play/play/pull/39

EXTRACURRICULAR
- Open source: Rust transitfeed collaborator, bug/feature contributions (rust-csv, ec2-jenkins, etc.), gitt

WORK EXPERIENCE

SAP SE (*formerly Signavio*) | *Apr. 2021 – Present*
- Software Engineer – Senior
- "Process Mining" analytics database
- Initiative leadership, feature delivery, operational excellence
- Custom request balancer, batch synchronization
- Rust, Kotlin, CDK (TypeScript), Kubernetes

AWS Commerce Platform | *Feb. 2020 – Mar. 2021*
- SDE II – Subscriptions & Agreements
- Activating AWS account product & billing
- Agreements storage and publication system(Hermes)
- Consistent operations in new AWS namespaces (CN, etc.)
- Java, Ruby/Python devops, SQS, Lambda, CloudFormation

HERE (*formerly Nokia Gate5 GmbH*) | *Sept. 2013 – Dec. 2019*
- Lead Software Engineer – Routing
- Micro-service refactoring of Routing, new web service layer
- Park and Ride feature, Go transit planner rewrite
- Batch/on-demand processing of worldwide transit data
- C++, Rust, Python, FFI, native Python modules (in C), Go

DeliveryHero GmbH | *March 2012 – August 2013*
- Software Engineer – Senior
- Technical lead: new software stack for Australia
- Engineering best practices (TDD basics, Clean Code)

EMC Corporation | *Dec. 2010 – Febuary 2012*
- Software Engineer
- Acceptance testing framework with customized components

Jay's Web Worx | *Sept. 2009 – Sept. 2010*
- Software Developer
- API for achievements and player retention

Spieker Point Inc. | *April 2008 – Sept. 2009*
- Junior Software Developer
- Custom JBoss+JSF web applications for different clients