

# Johann Hipp

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## EDUCATION

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**Martin-Luther-Universität Halle**  
*Bachelor of Science in Computer Science*

Halle, Germany  
2.9

## EXPERIENCE

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### Cloud Developer

*Deloitte Consulting GmbH*

October 2024 – ongoing

*Berlin*

- Development of a delivery platform for an automotive client in goLang using AWS Lambda
- IaaS deployment using AWS' typescript SDK

### Software Developer

*Nowtilus GmbH*

June 2023 – June 2024

*Berlin*

- Development and deployment of two components for a full rewrite of the previous serverside ad-insertion SaaS solution in goLang
- Development focus on CMAF, DASH and HLS feature enhancement for large customers
- Optimization of caching algorithms to better support high demand scenarios

### Backend Development Internship

*Nowtilus GmbH*

September 2022 – January 2023

*Berlin*

- Participation in development of a server-side ad-insertion SaaS in Node.JS and goLang
- Performance testing of time-critical services and partial rewrites due to scalability issues and changing customer requirements

### Backend Development Internship

*EWERK GmbH*

September – October 2020

*Leipzig*

- Supporting development of emission trading software for the Ministry of Environment using Java, spring and postgres
- Implementation of REST api functionality for importing legacy formats and data validation

## PROJECTS

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**MicroAuth - in-memory OAuth2 implementation** | *Rust, BoringSSL*

[github.com/t3nsed/microauth](https://github.com/t3nsed/microauth)

- Low-level in-memory authentication server providing OAuth2 authentication with an ORM-like API
- Built on top of the ring crate with BoringSSL bindings for secure and efficient authentication flows

**Expedite - AI-first outdoor social app** | *llm inferencing, classic NLP, audio inferencing*

[expedite.rsvp](https://expedite.rsvp)

- Summarizing and 0-shot classifying outdoor hobbies after inferring them from audio memos
- Matching of users based on shared interests and similar planning timespan
- Developed in a hackathon over a weekend

## TECHNICAL SKILLS

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**Languages:** GoLang, Rust, Typescript, Python, SQL, Java, Kotlin

**Monitoring:** Victoria Metrics via Prometheus, Kibana, Grafana

**DevOps, IaaS:** Docker, Kubernetes, Terraform

**Hyperscalers:** AWS, Azure