

# Leon Arne Noel Erath

## Fullstack Developer

I'm a Fullstack Developer based in Düsseldorf. I love the web and my work is focused around building complex web and desktop apps. Topics such as accessibility and testing are particularly important to me.

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📍 Düsseldorf, Germany

## Work Experience

11/2019 - Present

### Fullstack Developer

sipgate  
Düsseldorf

- Built multiple Electron Desktop Apps (CLINQ, sipgate Softphone & sipgate App CLINQ) focused around telephony and productivity for more than 10k Daily Active Users.
- Built realtime collaboration and communication features using webrtc, websockets and grpc.
- Implemented a microservice architecture using Kubernetes and NestJS.
- Ensured Observability of all services by integrating Instana and Grafana into the Kubernetes Cluster. Added Alerting via PagerDuty.
- Migrated multiple old Java Services (Wildfly mostly) to Spring Boot.
- Implemented 2FA using Keycloak.

**TechStack:** Typescript, React, Electron, NestJS, Firebase/Firestore, GKE, Java Spring Boot

10/2016 - 10/2019

### Corporate Student

ALDI SOUTH Inter-  
national Services  
Mülheim an der Ruhr

- Supported multiple departments such as Requirements Engineering, QA & Development
- Developed a style and grammar checker with an integrated REST API to improve the quality of English documents
- Performed and wrote multiple test cases
- Built various Office Add-ins with React and VBA to help document the collection of requirements and project planning.

**TechStack:** JavaScript, React, Express, MongoDB

## Education

2016

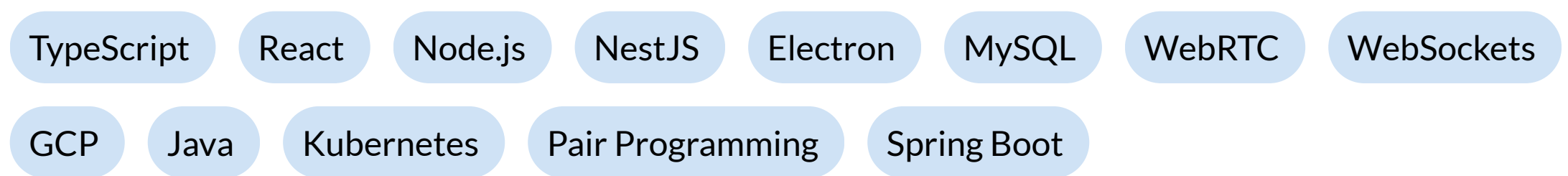
### Bachelor of Science (Dual Study)

Corporate State Uni-  
versity (DHBW)  
Mannheim

Applied Computer Science

Bachelor Thesis about "Automated review of natural language documents via a web application using machine language processing" and graduated with a 2.0 GPA.

## Skills



## Languages

- **Deutsch** - Native
- **Englisch** - Expert

## Volunteer work

### Volunteer Developer at LernFair e.V:

Developed the screening tool for LernFair e. V., so that pupils and students could be quickly verified by the LernFair staff. This included a queuing and documentation logic to verify up to 100 pupils a day. The queue for the verification process was updated in real time using a Redis database and web sockets (socket.js).

**TechStack:** Typescript, React, Koa, Redis, socket.js

### Volunteer for DHB MG

I've been playing hockey since I was a little kid, and I've been volunteering for the DHB since I was a teenager. This includes the following tasks: admission control, ticket sales, and seating assignments.

## Competitions

### Hackathon: Hacknext - 3 Days

March 2019: This hackathon was about insurance and financial services. The Challenge was: How can young people be engaged in their retirement planning? For this purpose, we developed an app that appeals to the target group, builds trust and shows in a meaningful way how retirement planning can make sense.

### Hackathon: Hackastory - 1 Week

March 2018: In this hackathon, we spent a week developing a prototype that geographically visualizes news articles on a globe. The goal was to reimagine newspaper articles in today's world.

### Jugend Forscht - National Competition

June 2016 Paderborn: Best interdisciplinary work. Developed an mobile app (Android,iOS) to improve student work-flows and organisation. Created wireframes and prototypes as well as meeting with all stakeholders (parents, teachers, students, lawyers). Presented the mobile app pineapple and scored Rank 7 out of 1600 projects.

## Interests

Dancing, Board games & Playing the Piano,  
Fun fact: I was casted as voice actor for the show "???"