

# Conrad Matschke *Full Stack Developer*

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I am a Full Stack Software Developer equipped with a diverse and promising skill-set and with several years of experience in sprint-based electronics and software development. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team. My colleagues would describe me as a driven, resourceful individual who maintains a positive, proactive attitude when faced with adversity. Experienced with the latest cutting edge development tools and procedures. Bringing forth expertise in design, installation, testing and maintenance of web systems. Specific fields of interest include, but not limited to Internet of Things, Industrial IoT, edge-computing, and mobile technologies. In my spare time I perform as a DJ, play board games and tennis.

## SKILLS

### Frontend

JavaScript, HTML5, CSS, Tailwind, React.js, React Native, Expo, Redux, TypeScript, Angular, REST API

### Backend

Node.js, Express.js, MongoDB, Mongoose, GraphQL, SQL, PostgreSQL, Firebase

### Other

Git, Figma, Docker, Heroku, Vercel, Jest, Cypress, Postman, Python, Matlab, SolidWorks (3D design), DRY principles

## PROFESSIONAL EXPERIENCE

### Full Stack Engineer, Oyle

"Application that provides current event and venue stats by the minute, backed by live popularity and community driven data."

- Led the Front-end in a team of 3 developers. Gathered and evaluated user requirements and illustrated design ideas and process flows.
- Promoted scrum and agile software development methodologies in daily stand-ups
- Supported building a Web Scraper in Python w/ Flask, Selenium, and Google Maps API's.
- Assisted on implementing a 'general-purpose' backend w/ Express.js, Prisma, PostgreSQL.

Feb. 2022 – present  
Berlin, Germany

### Full Stack Developer, Punch!

"Punch! aims at digitalizing numerous paper-based loyalty card programs and storing various rewarded bonus points in one App."

- Designed and built the app with a client in React.js, React Native (Expo) and Next.js.
- Integrated Supabase and Firebase on server-side to use Postgres Databases and OAuth.
- Implemented QR Code Generator/Scanner and NFC Tag Reader functionality.

Sept. 2021 – present  
Berlin, Germany

### Frontend Web Developer, MDB Games

"MDB Games is a responsive web application designed for users to test their knowledge of thousands of movies and actors."

- Refactored code with React Context to share data "globally (user, theme, and language)
- Handled unit testing for React Components with Jest and E2E testing with Cypress.io.
- Implemented various third-party authentication methods (OAuth).

Dec. 2020 – July 2021  
Barcelona, Spain

### IoT System Integrator, Noa Technologies Inc.

"Noa Technologies is a global IoT-to-Cloud Asset Management platform providing bike-sharing companies with a fully customizable end-to-end solution that transforms any floating asset into smart IoT devices."

- Managed any and all hardware logistics from manufacturer to customer (Asia, Europe, US).
- Performed on-sight product demonstrations, preventative system and backend maintenance.
- Managed Requirements Specifications (hardware/software) for sprint-based development.
- Entrusted with US customer care and post-installation support for various blue chip accounts.

Aug. 2016 – Mar. 2021  
Berlin / San Francisco

## EDUCATION

### Master of Engineering (MEng), Technical University Berlin

Master's degree – Industrial Engineering and Management / Major: Mechanical Engineering

- Focused on experimental design and the aerodynamics of road vehicles (Python, Matlab)

2022  
Berlin, Germany

### Software Engineering, Codeworks

Immersive training school – Full Stack Software Development

2021  
Berlin, Germany

## PERSONAL SKILLS

### Creative in time-critical environments

In my past life, I worked as a producer for advertising productions, high fashion runway shows, and concerts. It made me a purist and aesthete, yet never miss a deadline.

### People Person with Assertiveness

In my other past life, I worked in the hospitality industry as a manager. It made me kind and open-minded to colleagues and criticism, yet I understand my role and stand my grounds.