ABOUT

Web Developer focusing on React and a background in media technology and digital content production. Creative and solution-oriented in developing user-centered web applications that combine technical precision with engaging design. Brings extensive experience from advertising and film production, including leading technical, organizational, and creative processes for international clients such as Mercedes-Benz, Nike, and Samsung. Employs analytical thinking, structured troubleshooting, and efficient time management to ensure the successful execution of complex projects. Experienced in collaborating with interdisciplinary teams, knowledge sharing, and utilizing cutting-edge digital technologies to implement innovative solutions.

SKILLS & TOOLS

FRONT-END DEVELOPMENT

HTML | CSS | JavaScript | TypeScript | React | React Native | Expo | Angular | Responsive Design | CSS Grid | Flexbox | Bootstrap | Google Material Design | Tailwind CSS | Redux State Management | jQuery | Progressive Web Apps / PWA | Android Studio

BACK-END DEVELOPMENT

Node.js | Express.js | Serverless Framework | AWS Lambda | MongoDB | PostgreSQL | Google Firebase | Netlify | Heroku | RESTful APIs | AJAX | JSON | Postman

TESTING & VERSION CONTROL

Test-Driven Development / TDD | Behavior-Driven Development / BDD | GitL | GitHub

COMMUNICATION & PROJECT WORK

Agile | SCRUM | Trello | Slack | Team Training | Team Leadership | Project Management

TOOLS & LANGUAGES

Adobe Photoshop | Illustrator | InDesign | Final Cut | Davinci Resolve | German | English | French

EDUCATION

Certificate in Full-Stack Web Development
CarreerFoundry | JAN / 2024 - JAN / 2025

Diplom-Ingenieur (FH) in Audiovisual Media / Media Technology
HDM | Stuttgart | 2003 - 2008

TOBIAS KRAFT
FULL-STACK WEB DEVELOPER

WEB DEVELOPMENT PROJECTS

KRAFTFLIX | *A Responsive Full-Stack Web App* | *Aug / 2024 - Oct / 2024*

- Developed a MERN-stack web app for film enthusiasts with secure user management, including encrypted passwords (bcrypt), role-based access control, and JWT authentication for data protection.
- Designed a non-relational database (MongoDB), modeled data with Mongoose, and created a RESTful API (backend) using Node.js and Express.
- Implemented a responsive UI on the frontend using React and React-Bootstrap.

  | Live App | Project Page | GitHub-Frontend | GitHub-Backend |

MEET APP | *A Progressive Web Application (PWA)* | *Nov / 2024*

- Developed a PWA to display coding events with a serverless backend (AWS Lambda), integrated Google Calendar API, and interactive data visualizations (Recharts).
- Enabled offline functionality and applied a TDD approach for testing with Jest and React Testing Library, optimized with end-to-end tests using Puppeteer.
- Built a responsive UI using React to ensure a seamless user experience across devices.

  | Live App | Project Page | GitHub |

PROFESSIONAL EXPERIENCE

Engineer of Digital Technology
FGV Schmidle GmbH | Permanent | Berlin   *Sept / 2009 - Jan / 2023*

- Responsible for technical consulting, conception, and provision of cutting-edge technologies for over 1,500 international advertising productions and feature films.
- Developed digital workflows, optimized production processes, and implemented innovative technical solutions with a clear focus on efficiency and automation.
- Conducted test scenarios, trained teams on new technologies, and coordinated interdisciplinary workflows.
- Addressed complex technical and organizational challenges with a structured, analytical approach in a dynamic environment.

Highspeed Camera Operator & Digital Imaging Technician (DIT)
Freelancer | Worldwide   *Jan / 2009 - Jan / 2023*

- Handled high-speed slow-motion shots and ensured image quality on hundreds of international advertising productions and music videos for clients such as Nokia, Toyota, and Depeche Mode.
- Developed creative solutions under time pressure for complex concepts by focusing on the core message and combining technical know-how, visual understanding, and clear communication.
- Close, cross-functional collaboration to maximize results.