Ben Hess

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Previous role	Senior Developer at Swisscom
Technologies	React, AWS, React Native, Python, Node.js, Azure, Flutter, Ruby on Rails, AngularJS, Docker, TypeScript, JavaScript, Jenk...

My favourite technology is...
JavaScript because it is the powerful programming languages.

Work experience

Senior Developer, Swisscom 🔳

Sep 2021 – Apr 2024 (2y 7m)

React   AWS   React Native   Python   Node.js   Azure   Flutter   Ruby on Rails

- Led the development of a scalable web application using React.js and Node.js, resulting in a 30% increase in user engagement.
- Architected and implemented a microservices-based backend on Google Cloud Platform, improving system reliability and scalability.
- Developed a mobile app using Flutter, enhancing user accessibility and experience on both iOS and Android platforms.
- Collaborated with UX/UI designers to ensure responsive and visually appealing interfaces.
- Implemented best practices in code reviews, reducing code defects by 20%.
- Played a key role in migrating legacy systems to modern cloud infrastructure.
- Mentored a team of 5 junior developers, fostering a culture of continuous learning and improvement.
- Presented at internal tech talks and external conferences, sharing insights on full-stack development.

Full Stack Developer,Swisscom 🔳

Oct 2019 – Sep 2021 (1y 11m)

AngularJS   AWS   Docker   TypeScript   JavaScript   Jenkins   Firebase   REST API

- Built and maintained RESTful APIs using Express.js and AWS Lambda, reducing server costs by 25%.
- Developed and optimized front-end components using Angular TypeScript, improving application performance.
- Implemented CI/CD pipelines with Jenkins and Docker, accelerating release cycles and improving deployment ef ciency.
- Worked closely with product managers and stakeholders to gather requirements and deliver high-quality software solutions.
- Enhanced security protocols, resulting in a 40% reduction in security incidents.
- Conducted performance tuning and optimization, increasing application speed by 15%.
- Played a crucial role in the successful launch of multiple high-impact projects.
- Provided training and guidance to new hires and interns, enhancing their development skills.

Software Developer,SAP ▦

MongoDB   CSS   HTML   Elasticsearch   Vue.js   Firebase   ASP.NET   SAP

- Developed cloud-based web applications using SAP Cloud Platform, ensuring high availability and security.
- Created responsive front-end interfaces using HTML5, CSS3, and JavaScript, enhancing user experience.
- Automated testing and deployment processes, reducing bugs and improving development ef ciency.
- Participated in code reviews and provided mentorship to junior developers.
- Collaborated with cross-functional teams to integrate new features and optimize existing functionalities.
- Conducted research on emerging technologies, implementing innovative solutions that improved product performance.
- Developed custom plugins and modules, expanding the functionality of SAP applications.
- Played an instrumental role in achieving a 98% client satisfaction rate through high-quality software delivery.

Junior Web Developer,Lithuania IBM Research ▦

PHP   SQL   C#   jQuery   Figma   Swift   C++   Laravel

- Designed and implemented dynamic web pages using jQuery, AJAX, and PHP.
- Collaborated with cross-functional teams to integrate new features and x bugs.
- Assisted in migrating legacy systems to modern web technologies, improving system performance.
- Conducted user acceptance testing to ensure quality and functionality.
- Developed internal tools to automate work ows, increasing team productivity by 20%.
- Provided technical support and troubleshooting for end-users, resolving issues ef ciently.
- Participated in hackathons and innovation projects, contributing to the development of new ideas.
- Documented code changes and created user manuals, facilitating knowledge transfer and user training.

Education

ETH Zürich

Master Degree (3.9) Computer Science

- Specialized in arti cial intelligence and data science.
- Thesis: "Optimization Techniques for Deep Learning Models" – awarded best thesis in the department.
- Completed coursework in advanced algorithms, computational theory, and robotics.

ETH Zurich

Bachelor's degree (3.9) Computer Science

- Data Structures, Software Engineering, Database Systems, and Computer Networks.
- Active member of the student robotics club, participated in national and international competitions.
- Dean's List, ETH Zurich, 2010-2013
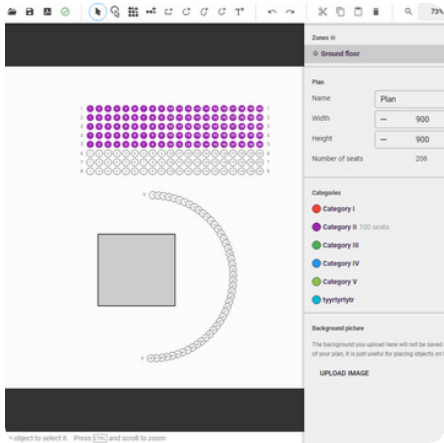- ACM Member 2013

Portfolio

Crypto Betting Website 🔗 **betfury.io**
I successfully developed and implemented over 20 mini games, enhancing the platform's gaming portfolio. I utilized Vue.js for the frontend and Node.js with MongoDB for the backend, ensuring seamless user experiences and robust transaction handling. Additionally, I integrated cryptocurrency payment gateways and smart contracts to facilitate secure and transparent betting.
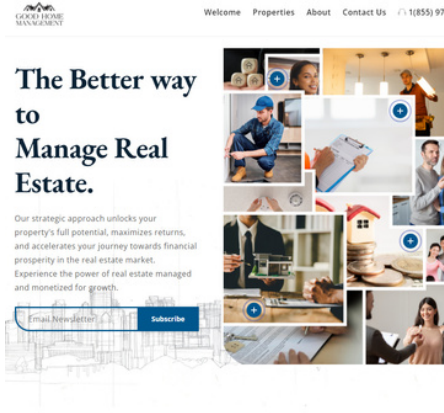

SVG Seat Builder 🔗 **seats.pretix.eu**
I developed the SVG seat builder functional app from scratch, implementing most of its features to create an intuitive and user-friendly interface for seat selection. This project involved extensive use of SVG for scalable graphics and interactive elements, ensuring a seamless experience for users.
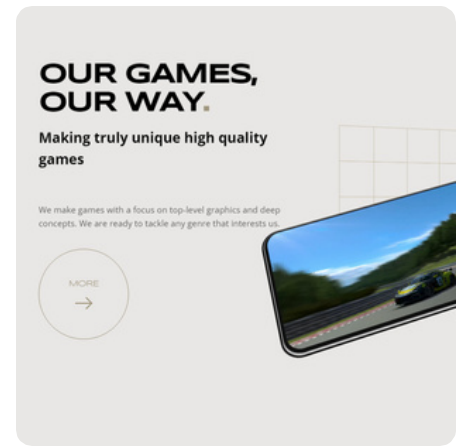

Real Estate Management App 🔗 **goodhomemgt.com**
I spearheaded the development of a comprehensive real estate management website using Laravel and Next.js. This full-stack development project involved creating robust backend solutions with Laravel and dynamic, responsive frontend interfaces with Next.js to provide a seamless user experience.

Website Animations 🔗 **www.infinityvector.com**

I implemented all animations, focusing heavily on the front-end development to create engaging and interactive user experiences. This involved using advanced CSS and JavaScript techniques to ensure smooth, high-performance animations across the website.

Real Estate Search Function Enhancement 🔗 **www.selltojim.com**

Enhanced the real estate search functionality by optimizing the search algorithm, improving data indexing, and implementing advanced ltering options. This resulted in signi cantly increased accuracy and speed of property searches, providing users with a more ef cient and satisfying experience.

More about me

My favourite technology is...

JavaScript because it is the powerful programming languages.

Languages

English, French, German, Italian

Interests

ACM, hackathons, Sports (soccer, volleyball)