

Elían David Contreras Lopez

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Summary

My main motivation for working in this field today is to use technology to create a positive impact on society and the environment. I am passionate about quality development and eager to work on projects where it is taken seriously. As a software developer, I possess in-depth knowledge of programming, covering various aspects of the software industry and development lifecycle. I specialize in delivering high-quality solutions to complex business problems within scope, budget, and tight deadlines—while meeting strict functional (customer-focused) and technical (developer-focused) requirements. From project planning and estimation to final delivery, I ensure efficiency, performance, and maintainability.

Experience

LieberLieber Software GmbH

2023.2 – 2024.11

Fullstack Software Engineer

- Created accessible, responsive, and functional user interfaces using Next.js and React.js, ensuring a seamless experience across devices and achieving 98% accessibility scores in audits.
- Optimized database queries, reducing API response time by 40% and improving application scalability.
- Designed and built intuitive user experiences, leading to a 25% increase in user retention by improving data visualization for React components.
- Worked as a Full-Stack Engineer with Next.js, TypeScript, Ruby on Rails, Django, Flask, and more.

MarWin Solutions Ges.m.b.H

2020.10 – 2022.11

Fullstack Developer

- Designed and developed web applications for over 15 clients using CSS, HTML, Express.js, Django, Next.js, and Vue.js.
- Built and modified 20+ enterprise web applications, ensuring functionality and client satisfaction.
- Coded, tested, and debugged 37 existing programs and 20+ programs in development.

GEVAS software GmbH

2018.2 - 2020.9

Web developer (2019.2- 2020.9)

- Developed and maintained responsive websites, resulting in a 30% improvement in page load speed using HTML, CSS, JavaScript, and React.
- Optimized website performance, reducing page load times by 30% through code refactoring and image compression.
- Integrated RESTful APIs to fetch and display dynamic content, enhancing user engagement by 20% and ensuring real-time updates.
- Fixed cross-browser compatibility issues, improving site performance and user accessibility across Chrome, Firefox, and Safari, reducing reported UI bugs by 35%.

Internship trainee (2018.2 - 2018.11)

- Created 20+ visually appealing websites with user-friendly designs and intuitive navigation.

Skills

1. Frontend Development

HTML, CSS, JavaScript (ES6+), TypeScript, React.js, Next.js, Vue.js, Angular, Tailwind CSS, Bootstrap, Material UI, SASS, LESS

2. Backend Development

Node.js (Express, NestJS), Python (Django, Flask, FastAPI), Java (Spring Boot), Ruby on Rails, Apollo GraphQL, RESTAPI, Socket.io, SignalR, WebRTC

3. Database Management

PostgreSQL, MySQL, MongoDB, Firebase, Redis, Prisma, Sequelize, TypeORM, Memcached

4. DevOps & Cloud

AWS (EC2, S3, Lambda, RDS), Azure, Google Cloud (Firebase, App Engine), Docker, Kubernetes, Jenkins, GitLab CI/CD, CloudFormation, Terraform, AWS

5. Soft Skill

Successfully managed multiple website updates while meeting tight deadlines and maintaining high-quality standards.

Education

Universidad de Concepción | Bachelor's degree, Computer Science | 2014.4 - 2018.8