

Kevin Schuermann

I am a results-driven senior software developer with over 10 years of experience delivering scalable and innovative solutions. With a strong aptitude for learning and collaboration, I excel in solving complex problems and driving continuous improvement to achieve impactful outcomes.

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EXPERIENCE

Prosa.ai - Senior Full-Stack Developer (Blockchain & AI)

December 2023 – December 2024

- Engineered a chatbot and text recognition system leveraging Python, TensorFlow, and NLTK (Natural Language Toolkit) to enhance user engagement and system automation.
- Transitioned a monolithic legacy system to a microservices architecture using Docker, Kubernetes, and Node.js, significantly improving scalability and reliability.
- Designed and implemented real-time dashboards and user interfaces with React, Redux, and TypeScript, ensuring a seamless and intuitive user experience.
- Integrated blockchain technology, developing smart contract interactions with Web3.js and Ether.js for secure and decentralized applications.
- Collaborated cross-functionally to define project roadmaps, optimize feature delivery, and implement comprehensive testing with Jest and Cypress to maintain code quality.

Overjet — Senior Software Engineer

March 2021 – November 2023

- Directed technical development for complex projects, utilizing Next.js, Nest.js, GraphQL, Apollo, Tailwind CSS, AWS, and PostgreSQL.
- Enhanced system infrastructure by implementing Terraform to improve scalability, automation, and maintainability.
- Established standardized CI/CD pipelines, accelerating deployment processes and ensuring reliability.
- Built robust APIs with Nest.js and developed reusable UI components using React and TypeScript, supporting a variety of product features.

SKILLS

Front End Development Skills

HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Vue.js, CSS Preprocessors (SASS, LESS), Responsive Design (Bootstrap, Tailwind, Material UI), WebSocket

Backend Development Skills

Node.js, Express.js, Python, PHP, Django, Flask, Laravel, RESTful API design, GraphQL, Web Socket servers, Authentication (OAuth, JWT, Passport.js), SQL (PostgreSQL, MySQL) and NoSQL (MongoDB, Redis), Server-Side Rendering (SSR) with frameworks like Next.js, Nuxt.js, Nest.js

AI-powered solutions

ensorFlow.js, spaCy, Dialogflow, Rasa, OpenAI GPT

FlairsTech — FullStack Developer

December 2019 – March 2021

- Developed responsive web applications using React, Redux, and Redux-Saga, delivering efficient state management and optimized user interfaces.
- Built RESTful APIs with Python and Django, integrating Firebase for real-time data synchronization and seamless user authentication.
- Enhanced database performance with Amazon RDS, implemented GraphQL for flexible data querying, and incorporated WebSocket for real-time functionality.
- Collaborated with cross-functional teams to refine system architecture, ensuring scalability and robust performance under high traffic conditions.

Chattermill — Lead Backend Developer

June 2018 – November 2019

- Spearheaded backend development for a ride-hailing platform, optimizing real-time dispatch systems with Node.js and Express.js.
- Designed and deployed RESTful APIs to facilitate seamless communication between core services and external partners.
- Enhanced data handling and system performance by integrating PostgreSQL and MongoDB for high-volume transactions.
- Established CI/CD pipelines to automate deployments, significantly reducing downtime and increasing operational reliability.
- Worked collaboratively with stakeholders to improve system architecture and ensure peak performance during high-load scenarios.

Tourlane — Frontend Developer

June 2016 – March 2018

- Developed dynamic and interactive web applications using React.js, creating intuitive user interfaces.
- Managed application state with Redux and implemented Redux-Saga for effective asynchronous operations.
- Designed pixel-perfect, responsive layouts using Tailwind CSS, ensuring a consistent user experience across all devices.
- Built reusable, modular UI components to enhance code maintainability and scalability.
- Optimized user interactions and application performance by adhering to industry best practices.

Blockchain

Solidity, Web3.js, Ether.js

Cloud Integration & DevOps Skills

AWS, Google Cloud Platform, Microsoft Azure, Docker, Kubernetes, Serverless (AWS Lambda Google Cloud Functions), CI/CD (Jenkins CircleCI GitLab CI)

Testing & Quality Assurance Skills

Unit Testing (Jest Mocha Chai Jasmine)

Version Control & Collaboration

Git, GitHub, GitLab, Bitbucket, Jira, Trello, Asana

Soft Skills

Problem Solving, Analytical Thinking, Communication Skills (Documentation Presentations), Adaptability, Time Management

LANGUAGES

English, German

Ephemeral — Full-Stack Developer

October 2014 – March 2016

- Developed highly responsive web applications using React.js and Next.js for scalable and dynamic frontends.
- Engineered backend systems with Php, and Laravel, ensuring robust functionality and reliability.
- Designed and implemented RESTful APIs to streamline communication between frontend and backend systems.
- Integrated real-time capabilities using WebSocket and optimized data management with PostgreSQL and MongoDB.
- Deployed applications using AWS, Google Cloud, and Kubernetes, leveraging containerization for scalability and efficiency.

EDUCATION

Clemson University — Bachelor's Degree in Software Engineering

August 2010 – September 2014

- Completed a comprehensive IT curriculum with a focus on software development, cybersecurity, data management, and cloud computing.
- Worked on hands-on projects and collaborated on advanced technology and IT solution development.
- Gained expertise in system architecture, network administration, and application development.

Greenville Technical College — Greenville SC Associates Degree

August 2008 – July 2010

- Focused on both creative design principles and technical software development skills.
- Gained expertise in graphic design, user experience, web development, and computer programming.
- Completed coursework in design theory, coding languages, and digital systems architecture.