

Kevin Schuermann

I am an **open-minded and self-motivated senior software developer** with over 10 years of experience delivering scalable, innovative solutions. A fast learner and strong team collaborator, I thrive on solving complex challenges and driving continuous improvement to achieve impactful results.

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EXPERIENCE

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

December 2023 – December 2024

- Integrated NLP, chatbot solutions, and text recognition using Python, TensorFlow, and Natural Language Toolkit (NLTK) to enhance user interaction and system automation.
- Migrated legacy systems to a microservices architecture leveraging Docker, Kubernetes, and Node.js for better scalability and reliability.
- Collaborated closely with product and UX teams to design intuitive dashboards and real-time features using React, Redux, and TypeScript.
- Implemented Web3.js for Solidity smart contract integration, enabling decentralized applications and seamless blockchain interactions, utilizing Ether.js for data storage.

Overjet — Senior Software Engineer

March 2021 – November 2023

- Led development of high-performance applications, focusing on scalability and security using Node.js, React, and TypeScript.
- Migrated legacy systems to microservices architecture, improving reliability and scalability.
- Integrated Google Cloud Platform (GCP) services for streamlined deployment, monitoring, and scalability.
- Enhanced user experience through collaboration with product and UX teams, designing intuitive dashboards and real-time features.
- Mentored junior developers, fostering innovation and best practices.

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

AI-powered solutions

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

FlairsTech — FullStack Developer

December 2019 – March 2021

- For the frontend, built responsive web applications using React and managed state with Redux and Redux-Saga. Styled interfaces with Tailwind CSS for a consistent user experience.
- For the backend, created RESTful APIs with Python and Django for seamless system interaction. Used Firebase for real-time data and authentication.
- Utilized Amazon RDS for scalable database operations and GraphQL for flexible data queries. Added WebSocket protocols for real-time updates.
- Collaborated with teams to improve system architecture and ensure scalability under peak loads. Delivered reliable, high-quality solutions.

Chattermill — Lead Backend Developer

June 2018 – November 2019

- Led backend development for Chattermill's ride-hailing platform, improving real-time dispatch systems using Node.js and Express.js.
- Designed and implemented RESTful APIs for seamless communication between core services and external partners.
- Integrated PostgreSQL and MongoDB to support high-volume transactions and real-time updates.
- Implemented CI/CD pipelines to automate deployments, reducing downtime and increasing reliability.
- Collaborated with cross-functional teams to enhance system architecture and performance under peak loads.

Tourlane — Frontend Developer

June 2016 – March 2018

- Developed dynamic, responsive web applications using React.js for building interactive UIs.
- Managed application state using Redux and handled side effects with Redux-Saga for asynchronous actions.
- Designed pixel-perfect, responsive layouts with Tailwind CSS, ensuring optimal user experience across devices.
- Implemented reusable and modular UI components for efficient code management and scalability.
- Ensured smooth user interactions and performance optimization by following best practices in frontend development.
- Utilized Git for version control, ensuring collaboration and streamlined code management.

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 dynamic, responsive web applications using React.js and Next.js for the frontend.
- Built scalable backend systems using Python, Flask, and Django.
- Designed and implemented RESTful APIs for smooth communication between frontend and backend.
- Integrated WebSocket servers for real-time features, enhancing user interactions.
- Utilized SQL (PostgreSQL, MySQL) and NoSQL (MongoDB, Redis) databases for efficient data management.
- Deployed applications using AWS, Google Cloud, and Azure, leveraging Docker and Kubernetes for scalability.
- Ensured high-quality code through unit testing with Jest and used Git for version control.

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.