

KEVIN KOECH



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SENIOR SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Technically Sound and Innovative Software Engineer with 6+ years of experience in deploying predictive analytics, statistical modeling, and data mining procedure with proficiency in Software Development Life Cycle (SDLC). Well-versed in Machine Learning, data structures, and algorithm optimizations. Possess hands-on experience in an object-oriented programming language including C++, C#, Java, Javascript/Typescript and Python. Recognized for creating technical specifications and database schemas and developed libraries apps and REST-based web services for executing the time zone-based syncs.

KEY COMPETENCIES

SQL Query Writing & Analysis | Data Structures| Debugging| Troubleshooting | Machine Learning Algorithms| Cloud-Based Technologies| Analytical| Organizational | Interpersonal| Critical Thinking| Detail-Oriented| Time Management| Problem-Solving | Excellent Communication | Team-Player|

Programming Skills: Redux, Node, Typescript, Javascript, Cypress, Enzyme, React Testing, Firebase, MySQL, PostgreSQL, Python, Django, Flask, DevOps

KEY ACHIEVEMENTS

- Designed and developed a low latency and highly concurrent chat-based microservice with node JS and react JS that ensured efficiency in the organization.
- Pioneered the development of a travel management tool in 80% of the files in the codebase within 2 months, leading to a higher onboarding rate.
- Trained and Mentored 6 software developers who had never interacted with Javascript before, enabling them build Javascript applications using React JS.
- Collaborated with a team of software developers and made an instant impact by opening 40 pull requests of features and priority bugs within two months using Angular, resulting in a fast learning curve.

WORK Experience

 **Moi teaching and referral hospital | Eldoret**

Jan2021 –Dec2022

 **Full Stack Software Developer**

Responsibilities

- Liaise with the team of software developers to build an Electronic Health Record (EHR) software to assist in maintaining patients' medical details and reduce medical errors.
- Architect a website repository for a clinical procedure to enable doctors and nurses to access patient information such as laboratory tests and x-ray results that ensured patients got the best medical care possible.
- Mastermind a fast payroll management system with robust integration processes for the hospital to save time on manually adding time entries from time cards and ensure timely payment of salaries.
- Invent a stock management module to help keep track of every item consumed within the hospital and monitor sales and purchases to ensure healthcare givers devote quality time to patient care.

 **FLEXCARE INFUSION CENTERS | United states**

Mar2022 – Dec2022

 **React Frontend Developer**

Responsibilities

- Build a React JS application with Create React App Typescript template to implement responsive components of the user interface, with this ensuring the company creates large web applications.
- Install and configure Circle CI by integrating and deploying CI\CD code run through the unit test cases that ensured the company gets information for React deployments.
- Develop a reusable infinite scrollable table with React Material UI Table that helped UI remain technologically sound and aesthetically pleasing for fluid pagination.
- Play a pivotal role in enforcing Agile and Scrum development methodologies using custom React components such as JSON, AJAX, and REST consequently shortening development times.
- Design a redux component using Angular for a state management system to optimize large applications' performance with this ensuring easy data retrieval.
- Test an API to allow applications access data and interact with external software components and operating systems that helped to optimize user response and feedback.

 **COLOSSUS (DVINCI ENERGY) | United States**

Jun2021 – Apr 2022

 **React Frontend Developer**

Responsibilities

- Hosted Reusable React components on NPM to increase productivity and quality and minimize risks of newly developed project that helped to increase productivity.
- Converted written and visual designs PSDs and wireframes into efficient front-end React components by integrating Storybook that aided in features development and visualization of the components.
- Worked closely with other JavaScript developers to develop front-end architecture using cypress to address points developers face while testing an application.
- Configured Circle CI to continuously integrate and build DevOps & agile workflows that ensured faster, more flexible development without minimizing the workload of development and the operation teams.

 **RATES FOR US LLC | United States**

Sep2020 – Dec 2020

 **Front-end Software Developer**

Responsibilities

- Industrialized new user-facing features using React JavaScript that made web pages interactive and improved response rates.
- Assisted in developing a file management system to manage individual and group files with this ensuring easy access of files by the company.
- Integrated and deployed writing scripts to build the software solution while spearheading the entire continuous integration cycle.

 **AEROTAGE DESIGN GROUP | United States**

Sep 2019 – Jun 2020

 **Front-end Developer**

Responsibilities

- Coordinated with a team of developers to design a staffing platform for the company by creating a real-time chatting application including Microsoft teams and slack tool.
- Participated in the initial wave of developers learning and implementing the React.JS library that ensured efficiency in the company.
- Tested, debugged, and shipped 10s of 1000s of lines of code to various development teams, hastening the software development process.

 **ANDELA COMPANY | Kenya**

Sept2018 – Oct 2019

 **Full Stack Technical Team Lead (Front-end)**

Responsibilities

- Oversaw the development and progression of 6 software developers to fully fledged developers in the company.
- Performed code reviews and provided efficient and appropriate feedback to the software developers.
- Proposed a PR review process by asking developers to include screenshots or recordings, reducing error by a more significant percentage.

 Full Stack Software Developer

Responsibilities

- Designed and maintained front-end and back-end development processes with Typescript, Node, and Python which improved the quality and clarity of the code.
- Developed a Travel management tool that helped the company manage a wide range of travel products such as flights, lodging, and activities.
- Mentored junior software developers on building React applications by regularly holding code reviews that ensured increase in knowledge in coding processes.

 ICT AUTHORITY | Kenya

Aug 2016 – Jan
2018

 Presidential Digital Talent Management Trainee

Responsibilities

- Worked with the government to deliver digital gadgets in various primary schools in Nandi County that ensured increase in digital literacy among teachers and students.
- Developed software applications based on the office of the Director of Public Prosecution requirements that enhanced efficiency in the delivery of service. .

Education

Bachelor of Science in Mathematics and Computer Science | Maseno University

2015

Kenya Certificate of Secondary Education | Kapsabet Boys High School

2010

REFEREES

Anna Simms | Product Manager | Flexcare Infusion Centers | +1 (740) 409-1212

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