Kevin Zheng

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Work Experience

Boeing Distribution Services Inc. - HCL Technologies | Software Developer   **August 2021 - Present**
- Improved the functionality of existing programs by implementing a feature that blocks transactions based on requirements from multiple databases. As a result, the process is now automated, and users experience an average time reduction of 25% compared to the previous manual approach.
- Developed a program that automates data extraction from Excel files and uploads it into existing database fields. This automated approach resulted in a 50% reduction in data input time compared to the manual method.
- Resolved defects, conducted peer and QA reviews, and produced system and program documentation.
- Collaborated and gathered requirements from clients, end-users, functionals, QA testers, and other stakeholders.
- Mentored new team members in business processes and coding standards.
- Developed solutions using Java, ABAP, and OpenSQL coding languages.

UofSC Research Computing Group | Undergrad Research Assistant   **February 2020 - August 2020**
- Developed web applications using React, Node.js, and MongoDB to process, analyze, and visualize data.
- Implemented designs from UI/UX designers and end-users to improve user experience.
- Created and revised program-related documents covering aspects such as program design, objectives, problem-solving strategies, system requirements, data sources, and associated systems.
- Performed Agile development practices with recurring meetings for standups, planning, and refinement.

Grand Strand Technology Council | Internship / Workshop Tutor   **January 2017 - June 2017**
- Co-hosted workshops on Java and JavaScript with an average of 19 students.
- Taught students programming, problem-solving, and algorithm design using a personalized project-based approach to guide them through building their applications with JavaScript, HTML, and CSS.

Selected Projects   Github: https://github.com/42kevinzheng

Full-Stack E-Commerce Project
- E-commerce app for users to browse, place orders, and receive their products via a PDF file containing images.
- Admin panel enables sales tracking, product management (add/update/delete), and delivery of products.
- Implemented with JavaScript, MongoDB, Express, React, Node.js, and Redux.
- https://github.com/42kevinzheng/42kevinstore-frontend

Springboot-Chinese
- Displayed Chinese, pinyin, and English words along with sentence examples in both Chinese and English.
- Implemented with Java and SpringBoot, and deployed with Heroku.
- Live Web: https://springboot-chinese-kevin.herokuapp.com/

Image Gallery MERN Stack CRUD Application
- Users can create images, retrieve images from the database, update/edit images, and delete images from the database.
- Hovered over the image to view its details and clicked on it to initiate a slideshow.
- Implemented with JavaScript, MongoDB, Express, React, Node.js, and Redux; deployed with Netlify and Heroku.
- Live Web: https://image-mern-crud.netlify.app/

Education

University of South Carolina   Columbia, SC
Bachelor of Science: Computer Science (Cumulative GPA: 3.7/4.0)   September 2016 - May 2020

Certifications

AWS Certified Cloud Practitioner   (Valid From Feb 2022 - Feb 2026)
Verification Code: 9E1RXEP2TJ141H3G   Verification Link : https://aws.amazon.com/verification

Skills/Interests

- **Computer Languages:** Java | TypeScript | JavaScript | HTML | CSS | SQL | ABAP
- **Tools:** Maven | JUnit | Spring Boot | React.js | Git | MongoDB | Mongoose | Express | Node.js | SAP ABAP
- **Spoken/Written Languages:** English (Native) | Mandarin Chinese (Intermediate)