

# David Zheng

## Full Stack Web Developer

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### SUMMARY

Innovative, motivated, and flexible Full Stack Developer with a strong foundation in problem-solving and software development. Passionate about building intuitive and scalable solutions, fostering collaboration, and continuously improving through creativity and critical thinking. Committed to delivering high-quality applications and driving impactful results.

### SKILLS

- **Frontend:** TypeScript, JavaScript, React, HTML, CSS, Tailwind CSS, ShadCN, MaterialUI, Bootstrap
- **Backend:** Java, Spring Boot/SpringMVC, Python, Django, Flask, Node.js, Express
- **Databases:** MongoDB, PostgreSQL, Mongoose
- **DevOps/Tools:** Docker, Jenkins, Git/Github, Heroku, AWS EC2, AWS RDS

### EXPERIENCE

#### Software Associate | Infosys | Feb 2025 - Current

- Collaborate in a team environment to design, build, and maintain enterprise-level software solutions.
- Contribute to code reviews, Agile ceremonies, and technical discussions to improve delivery and best practices.

#### Full Stack Java Developer | Revature | Remote | Nov 2024 - Feb 2025

- Designed and developed a full-stack employee reimbursement system using TypeScript and React for the frontend and Java with Spring Boot for the backend, enabling employees and managers to submit, review, and process reimbursement requests efficiently.
- Built a responsive and user-friendly frontend for a hotel management application using TypeScript, React, Tailwind CSS, and ShadCN, integrating with backend APIs for seamless hotel booking and review management.

#### Software Engineer Fellow | General Assembly | Remote | Apr 2024 - Jul 2024

- Developed a social media MERN Stack Application enabling users to create and share posts.
- Created an e-commerce Django/Python/PostgreSQL Application facilitating buying and selling of products.
- Managed projects using Git/Github and followed Agile practices, including sprint planning and user story implementation.

### RECENT SOFTWARE ENGINEERING PROJECTS

#### Frontend Developer | CheckInn | [Github](#)

**Technology:** TypeScript, React, Tailwind, ShadCN, Tanstack Router/Query, Jotai, Zod, Java, Spring Boot, AWS EC2, AWS RDS, Docker, Jenkins, PostgreSQL

- Developed the frontend with TypeScript and React, enabling hotel browsing, filtering, booking, and a dynamic review system for user feedback.
- Designed and integrated the frontend with Spring Boot API for hotel data, user authentication, and booking management, ensuring a secure and seamless experience.

#### Full Stack Web Developer | Employee Reimbursement System (ERS) | [Github](#)

**Technology:** TypeScript, React, Tailwind, ShadCN, Tanstack Router/Query, Zod, Java, Spring Boot, AWS EC2, AWS RDS, Docker, PostgreSQL

- Developed the frontend with TypeScript and React, enabling employees to submit reimbursement requests and view their history, while finance managers could approve or deny requests with role-based access.

- Integrated the frontend with a Spring Boot backend for secure user authentication, reimbursement management, and data storage in PostgreSQL, deployed on AWS EC2 using Docker for scalability.

### **Backend Developer | BuzzPage | [Github](#)**

**Technology:** JavaScript, Node.js, Express, Mongoose, MongoDB, React

- Developed a social media web application resembling Facebook.
- Integrated a news API for a dynamic newsfeed and utilized Amazon S3 for image hosting.

### **Full Stack Web Developer | Kong's Market | [Github](#)**

**Technology:** Python, Django, PostgreSQL

- Developed a full stack e-commerce platform enabling users to manage products and orders efficiently.
- Implemented CRUD operations and enhanced user experience through comprehensive styling.

### **Full Stack Web Developer | InventoryPro | [Github](#)**

**Technology:** JavaScript, HTML, CSS, Mongoose, MongoDB, Express, Node.js

- Developed a full stack web application for inventory management, featuring dynamic tables and user-friendly forms for product management.

## **EDUCATION**

**B.S. in Applied Mathematics** | University of Maryland – College Park, MD | Dec 2021

**Software Engineering Bootcamp** | General Assembly – Remote | Mar 2024

**Professional Software Development Incubator** | Interclype – Annapolis Junction, MD | Sep 2022

## **CERTIFICATIONS**

**AWS Certified Cloud Practitioner** | Amazon Web Services | Oct 2025

**Google Advanced Data Analytics** | Coursera | Sep 2023

**Google Data Analytics** | Coursera | Aug 2023