

# David Zhang

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## SUMMARY

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Computer Science graduate from NYU (GPA: 3.71) with expertise in full-stack development and AWS Certified Database-Specialty (valid through 2026). Skilled in React, Prisma, and AWS, with hands-on experience building scalable applications. Explore projects at [techdavidzhang1.com](https://techdavidzhang1.com) and connect at [linkedin.com/in/techdavidzhang1](https://linkedin.com/in/techdavidzhang1).

## EDUCATION

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### New York University

*B.S. Computer Science (Expected Dec 2024)*

- **GPA:** 3.71
- **Minor:** CyberSecurity, Mathematics
- **Awards:** Nick Russo Award
- **Clubs:** Rogue Aerospace, OSIRIS CyberSecurity, DTCC-Supply Chain Research

## PROJECTS

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### Reddit Clone (Social Media Site)

- Built a scalable full-stack application replicating Reddit's core functionality to improve user interaction and engagement.
- Enhanced performance by 30% through database indexing and optimized page rendering with multithreading.
- Conducted beta testing with 100+ posts and comments, validating the application's reliability and user engagement.

### Woot! (eCommerce Site)

- Developed a full-stack platform to streamline browsing, checkout, and order management.
- Achieved 100% success rates in payment processing and improved performance by 23%, earning a 96% Lighthouse score.
- Enhanced customer retention by 16% through automated email notifications for engagement and satisfaction.

### Unsplash/OfficeVibe Replica:

- Designed a responsive platform inspired by leading industry sites, achieving a 99% Lighthouse performance score and 95% accessibility.
- Increased user retention by 30% with interactive animations and intuitive UI design.

## PROFESSIONAL CERTIFICATES AND TECH SKILLS

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- **Certificates**
  - AWS Certified Database-Specialty (July 2023 - July 2026)
- **Technical Skills**
  - Frontend: React, Next.js, Redux, Tailwind, Zustand
  - Backend: Node.js, Express, Prisma, MongoDB, PostgreSQL, SQL
  - Tools: Git, AWS, S3, Webpack, Agile
  - Focus Areas: User Authentication, Responsive Design, SEO, Accessibility