

DEXIANG ZHANG

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FRONTEND DEVELOPER

Frontend Developer with 4+ years of experience architecting and optimizing large-scale, customer-facing applications. Passionate about building highly performant, accessible, and intuitive UIs using React, TypeScript, and modern web technologies. Experienced in leading frontend architecture, collaborating cross-functionally, and driving product decisions that enhance user experience and engagement.

- Software Development
- Code Refactoring
- UX/UI Design
- Agile Methodology
- Version Control
- Team Collaboration
- Project Management
- Performance Optimization
- Responsive Design

PROFESSIONAL EXPERIENCE

INVESTALL – New York, NY

Jan 2023 – Present

Front-End Developer

- Engineered AI-powered financial insights for a React-based advisory dashboard, boosting decision-making efficiency by 40% and increasing user engagement by 30% by leveraging real-time predictive analytics and interactive data visualizations.
- Led a React-to-React Native migration, achieving 85% code reuse, enhancing mobile responsiveness, and increasing mobile user acquisition by 25%.
- Built a centralized monitoring dashboard to track 30+ cron jobs and APIs, integrating real-time alerts and analytics that cut incident resolution time by 60% and improved cross-team transparency.
- Architected a secure digital asset platform and curated 3 NFT gallery events, attracting 150+ users and achieving a 20% increase in customer acquisition and retention within 6 months.
- Delivered a 15% increase in customer engagement by overhauling property search features and partnering with 10+ sponsors to integrate dynamic ad placements.
- Shipped 3 enterprise-level projects concurrently while redesigning key customer-facing features, resulting in a 15% increase in engagement and a 25% reduction in load times through performance tuning.
- Refactored legacy codebases, reduced load times by 25% through code-splitting and increased trading rates by 10% via real-time transaction optimizations.

TATA CONSULTANCY SERVICES – Edison/Raritan, NJ

July 2021 – Jan 2023

Software Engineer, Johnson & Johnson

- Migrated legacy systems to Azure, cutting infrastructure costs by 15% while implementing cloud-native architectures using Docker.
- Built an IoT-based biomedical environment monitoring system with an 8-person team, enabling remote clinical data collection for 50+ devices and supporting 4 concurrent projects with 98% uptime.
- Slashed build/test cycle time by 15% by redesigning Jenkins pipelines with automated scripts, parallelized testing, and automated Docker container deployment, accelerating feature delivery by 20%.
- Established peer review workflows and integrated SonarQube static analysis, improving code reliability by 20% and enforcing modular design principles.
- Led frontend optimizations for large-scale Angular applications, ensuring cross-browser compatibility and responsive design, boosting user retention by 12%.
- Designed 6+ RESTful APIs using NodeJS with Azure SDK to automate Docker container orchestration for IoT devices, cutting deployment latency by 25% and enabling remote updates for 200+ edge devices.

EDUCATION

Bachelor of Science in Computer Science, Minor in Multimedia | Brooklyn College/CUNY | June 2020

TECHNOLOGIES & LANGUAGES

Technologies: ReactJS, TypeScript, Git, Tailwind CSS, NextJS, Svelte, AWS, Yarn, HTML5, CSS/SCSS, JavaScript, Angular, React Native, Figma, NodeJS, ExpressJS, PostgreSQL, MongoDB, Jira, Confluence, Swagger

Languages: English, Mandarin