

DEXIANG ZHANG

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SOFTWARE ENGINEERING

Front End | Back End | UI | Full Stack

Proactive and results-driven technical engineer with expertise in developing solutions to improve efficiency, increase productivity, optimize performance, enhance product quality, and minimize error ratings. Engaging communicator, adept at collaborating with cross-functional teams to achieve organizational vision and goals.

- Software Development
- Automated Scripts
- UX/UI Design
- Agile Methodology
- Unit Testing
- Team Collaboration
- Project Management
- Performance Optimization
- Data Security

PROFESSIONAL EXPERIENCE

INVESTALL – New York, NY

Jan 2023 – Present

Software Engineer

- Implemented an advanced AI chat interface with the ChatGPT model across multiple wealth management platforms, enhancing real-time decision-making for financial professionals and driving a 30% increase in user activity and a 15% revenue boost.
- Built Web3 platform for secure digital assets and orchestrated at least 3 engaging gallery events, driving a 20% increase in customer acquisition, retention, and revenue.
- Led the streamlining of multiple investment platforms, reducing code complexity by 15% and implementing a global trading interface and functionalities, which boosted trading rates by 10%.
- Managed at least 3 concurrent projects, handling bug fixes and implementing new features while boosting code quality by 15% and optimizing loading times.
- Utilized SEO best practices to optimize web applications, improving browser performance by 20% through strategic code optimizations, reduced loading times, and ensured cross-browser usability.
- Enhanced and maintained key features in the real estate website, fostering collaborations with sponsors for impactful property advertisements, and achieved a remarkable 15% surge in customer engagement.
- Spearheaded front-end development for enterprise and individual investment apps, using Typescript, React, NextJS and Redux.

TATA CONSULTANCY SERVICES – Edison/Raritan, NJ

July 2021 – Jan 2023

Software Engineer, Johnson & Johnson

- Collaborated with team to translate business requirements into technical requirements, resulting in 15% reduced hardware dependency of current project by transforming them into cloud-based.
- Implemented environment monitor system (EMS) IoT platform solution utilizing Bitbucket as part of an 8-person team to expedite a new clinical solution in biomedical field while supporting 4 ongoing projects.
- Optimized the build and test process in continuous integration/deployment using the Jenkins pipeline by implementing automated scripts, resulting in 15% improvement in processing time.
- Boosted code quality by 20% through the formalization, development, and evaluation of code structures during peer reviews, utilizing Jira and Confluence within an Agile environment.
- Accelerated browser performance and optimized user experience by 10% by modifying Angular code and coordinating UX design.
- Developed more than 6 RESTful API routines using NodeJS with Azure SDK to configure and deploy/deliver the docker container to IoT device remotely using the Azure cloud platform.

EDUCATION

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

TECHNOLOGIES & LANGUAGES

Technologies: ReactJS, TypeScript, Git, Tailwind CSS, NextJS, AWS, Yarn, HTML5, CSS/SCSS, JavaScript, Angular, Bootstrap, PrimeFaces, Figma, JSON Web Token, NodeJS, ExpressJS, PostgreSQL, MongoDB, SQLite, Docker, Jenkins, Jira, Confluence, Swagger

Languages: English, Mandarin