

DONALD TANG

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SUMMARY

Results driven Software Engineer with extensive experience in full stack development delivering scalable and reliable software applications aligned with business goals. Quickly adapts to new challenges, leveraging strong problem-solving skills to build efficient, robust applications that drive measurable impact. Core competencies include: Object Oriented Programming | Data Structures and Algorithms | Relational Databases | CI/CD | Microservices | System Design | Testing | RESTful APIs | Cloud Computing | Version Control | Agile Methodologies

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Java, Python, SQL

Technologies: React, NextJs, Angular, Redux, NodeJs, Spring Boot, MongoDB, MySQL, PostgreSQL, AWS, Docker

PROFESSIONAL EXPERIENCE

RADIAN, Wayne, PA

Jan 2023 – Sep 2024

Software Engineer

Developed and maintained a mortgage loan origination platform supporting underwriting workflows.

- Implemented monitoring alerts and structured logging that led to a 23% reduction in incident response time.
- Built comprehensive unit and integration test suites with Jest, enhancing testing reliability and coverage by 32%.
- Migrated codebase to TypeScript, achieving a 12% reduction in runtime errors and bug rates.
- Prototyped and evaluated new tools, presenting proposals to drive strategic decisions for tech stack refinement.
- Engineered error recovery solutions that increased operational efficiency and system stability by 17%.
- Investigated and remediated security vulnerabilities, ensuring application integrity and security compliance.

VIRGIN PULSE, Providence, RI

Nov 2021 – Apr 2022

Associate Software Engineer

Supported development of condition management and health coaching platforms scaling to 200K+ users.

- Created and contributed reusable components to in-house UI library, saving 10+ hours weekly.
- Enhanced website accessibility to 12.7% more users through implementation of WCAG guidelines.
- Led integration of Mixpanel for event tracking, generating user behavior insights for 5M+ daily events.
- Diagnosed and resolved bugs, documenting resolutions to streamline troubleshooting and knowledge transfer.
- Conducted Lighthouse audits to identify and optimize performance bottlenecks and page load times.

EDGI LEARNING, New York, NY

Sep 2020 – Jan 2021

Junior Full Stack Developer (Contract)

Drove the rapid development and delivery of core application functionality in a high-growth startup environment.

- Shipped 11+ key features supporting product launch and initial user acquisition.
- Streamlined development process by implementing CI/CD pipeline using GitHub actions.
- Optimized application performance, utilizing techniques that improved page speeds by 18%.
- Leveraged user feedback to enhance crucial features, boosting user engagement by 35%.

PIXELNERD, Hoboken, NJ

Sep 2018 – May 2019

Software Developer | Junior Project Manager (Contract)

Supervised team of 4 to build a minimum viable product of a collegiate hiring mobile application.

- Designed 15+ responsive and user friendly interfaces with Java and Material Design.
- Oversaw project timelines and task delegation ensuring timely delivery of essential features.
- Facilitated communication between team and client to stay on track with project roadmap and milestones.

EDUCATION

Bachelors of Science in Computer Science, Stevens Institute of Technology, Hoboken, NJ May 2019