

WILLIAM YANG

FULL STACK ENGINEER | ORANGE COUNTY, CALIFORNIA

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WORK EXPERIENCE

Paperclip Technologies

San Mateo, CA (Remote)

FULL STACK ENGINEER

Jun. 2022 - Oct. 2022

- Reduced core dashboard loading times by 99% by optimizing Typescript API logic and MongoDB aggregations
- Oversaw architecture design and development of application features including projections of financial calculations
- Streamlined changes and application consistency by 50% by developing a custom data table component in React.js
- Addressed early stage start up technical debt by participating in code reviews and spearheading backend initiatives

Raytheon Technologies

Tucson, AZ (Remote)

SENIOR ANALYST, WEB DEVELOPER II

Jun. 2021 - Jun. 2022

- Decreased SQL stored procedure run times by 99.7%, allowing mission critical government project to meet deadline
- Shortened reporting table generation time by 75% by implementing Java Spring API pagination and refining JPA queries
- Recovered and prevented 30,000+ secret clearance users from losing authorization during Oracle database system migration

Melissa Data

Rancho Santa Margarita, CA

SOFTWARE ENGINEER II

Mar. 2021 - May 2021

SOFTWARE ENGINEER I

Feb. 2019 - Mar. 2021

- Increased team productivity by 60% and reduced project requirement errors by 95% by spearheading a .NET Core library and reusable template
- Boosted data quality by 375% and reduced correction time by 80% by creating a maintainable MSSQL table verifier
- Accelerated table processing time by 57% by using queue workers and blocking collections to multi-thread a C# data importer

Technossus

Irvine, CA

FULL STACK DEVELOPER EXTERNSHIP

Oct. 2018 - Nov. 2018

- Architected and optimized RESTful API routes with Node.js, Express.js, PostgreSQL, and pg-promise
- Enforced administrative security with JWT authentication/authorization and password hashing encryption

Biometrics4ALL

Irvine, CA

QUALITY CONTROL ENGINEER I

Jan. 2018 - Aug. 2018

SUPPORT ENGINEER I

Apr. 2017 - Dec. 2017

Dealersocket

San Clemente, CA

ASSOCIATE SOFTWARE ENGINEER

Jul. 2016 - Jan. 2017

- Improved Customer Master Data Management (MDM) searches by implementing Elasticsearch de-duping logic in .NET Core and C#
- Researched and implemented Apache Kafka to stream data from different MSSQL databases to multiple MDMs

PROJECTS

Brew Bean

brewbean.io

WEB APPLICATION WHERE PEOPLE CAN DISCOVER, LEARN, AND SHARE ANYTHING COFFEE RELATED

Jan. 2020 - Jul. 2021

- Decreased network calls and provided a seamless update experience by implementing a GraphQL URQL cache system
- Built dynamic reusable form components and handled error validation with Yup and React Hook Forms
- Tech Stack: React.js/Node.js/GraphQL/Hasura/PostgreSQL

SKILLS

Languages: C#, Node.js, Javascript / ES6, Typescript, GraphQL, Python, Java

Frameworks / Libraries: React.js, .NET / .NET Core, React Native, Express.js, Koa.js, Nest.js, Angular, Spring

Database / Tools: Git, RESTful API, Docker, OAuth 2.0, MSSQL / SSMS, MongoDB, PostgreSQL, Oracle, SAFe5 Certified

EDUCATION

University of California, Irvine

Irvine, CA

BACHELOR OF SCIENCE, COMPUTER GAME SCIENCE

Jun. 2016