WILLIAM YANG

FULL STACK ENGINEER | ORANGE COUNTY, CALIFORNIA

626 . 736 . 8476 | williamyang93@gmail.com | williamyang.dev | m1771vw | williamyang93

WORK EXPERIENCE_____

Coverland 🔗
SENIOR FULL STACK ENGINEER
Norwalk, California
Jan. 2024 - Present
- Saving **6 hours** every 100 purchases by creating an automation system for order confirmation and tracking information
- Slashing **one month** to a **couple days** for review generation creation by implementing a **ChatGPT** bot in **Python**
- Decreasing overall initial page load times by **85%** by utilizing **Next.js** server-side rendering, lazy loading, dynamic importing, and pagination
- Significantly reducing code and design errors by **90%** by participating in code reviews and providing mentorship to junior developers
- Streamlining operations by **33%** by engineering a custom checkout process with **Stripe Payments** and an administrative panel in **Node.js**

Cheers! 🔗
FULL STACK ENGINEER
California (Remote)
Sept. 2023 - Nov. 2023
- Decreased time to display membership by **90%** through the use of **Google Wallet** and **Apple Wallet** integrations

Sprelo
FULL STACK ENGINEER
California (Remote)
Mar. 2023 - Jul. 2023
- Led the development of Sprelo, ensuring a user-friendly interface and seamless integration with the platform's testing features
- Integrated advanced third-party APIs (**Stripe**, **ChatGPT**, and **DALL-E**) into the application, enhancing functionality and user engagement

Paperclip Technologies
FULL STACK ENGINEER
San Mateo, CA (Remote)
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 startup technical debt by participating in code reviews and spearheading backend initiatives

Raytheon Technologies
SENIOR ANALYST, WEB DEVELOPER II
Tucson, AZ (Remote)
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 pagination in **Java** and refining **JPA** queries
- Recovered and prevented **30,000+** secret clearance users from losing authorization during system migration

Melissa Data
SOFTWARE ENGINEER I & II
Rancho Santa Margarita, CA
Feb. 2019 - May. 2021
- Improved usability and consistency of **millions** of address data by designing, executing, and maintaining multiple **C# ETL** data pipelines
- Boosted data quality by **375%** and reduced correction time by **80%** by inventing a maintainable **SQL** table verifier
- Accelerated table processing time by **57%** by using **C#** queue workers and blocking collections to multithread a program
- Increased overall team productivity by **60%** and reduced errors by **95%** by spearheading a **.NET Core** library and a reusable template

Technossus
FULL STACK DEVELOPER EXTERNSHIP
Irvine, CA
Oct. 2018 - Nov. 2018
- Architected and revised **RESTful API** routes with **Node.js** and **Express.js**, **PostgreSQL**, and pg-promise
- Enforced administrative security with **JWT** authentication/authorization and password hashing encryption

Dealersocket
ASSOCIATE SOFTWARE ENGINEER
San Clemente, CA
Jul. 2016 - Jan. 2017
- Improved Customer Master Data Management (MDM) searches by implementing **Elasticsearch** deduping logic
- Researched and implemented **Apache Kafka** to stream data from different **MSSQL** databases to multiple MDMs

PROJECTS_____

Justcent 🔗
WEB APPLICATION WHERE PEOPLE EFFORTLESSLY SPLIT THEIR BILL AND FIND MISSING TRANSACTIONS
justcent.app
Feb. 2023 - Present
- Reduced time required to identify payees by **85%** by developing a statement comparison tool and streamlining reimbursement process
- Tech Stack: React.js/Next.js/Node.js/AWS (S3, Lambda, RDS)/PostgreSQL

SKILLS_____

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

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

DB / Tools: Git, REST API, Docker, MSSQL, MongoDB, PostgreSQL, ETL Pipelines, AWS (Beanstalk, S3, Lambda, RDS), ChatGPT, DALL-E

EDUCATION_____

University of California, Irvine
BACHELOR OF SCIENCE, COMPUTER GAME SCIENCE
Irvine, CA
Jun. 2016