ALEXIS BIERANIA TOMPKINS

Senior Full Stack Developer

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SUMMARY

Senior Software Developer with 9 years of expertise in web, mobile and blockchain technologies. Spearheaded a $150K research initiative, achieving "silver standard" acclaim and securing an ACM collegiate award. Enhanced AI/ML algorithms, doubling client revenue. Dedicated to high-quality code, effective communication, and exceptional customer support to foster outstanding online reputations.

EXPERIENCE

Freelancer
Self Employed

📅 06/2023 - Present   📍 United States, Remote

- Engineered 65 complex UI components with React, Angular, TypeScript, and SCSS, increasing website interactivity and engagement by 30%.
- Optimized backend processes using Python/Django and rigorous unit testing, enhancing system reliability and performance by 40%, and minimizing server downtime.
- Revolutionized DevOps efficiency through automation of CI/CD processes, resulting in a 40% reduction in deployment time and 25% increase in software quality, saving the company over 100+ hours monthly.
- Developed advanced bookmarking, filters, and page routing validations, enhancing website functionality and user satisfaction by 15%.

Long Term Contractor
Pivotal Energy Solutions

📅 01/2021 - 10/2022   📍 United States, Remote

- Implemented Angular for 15 frontend components, including home innovation features, employing Angular-Material Design for aesthetic coherence.
- Orchestrated CI/CD pipelines for four projects via GitHub, significantly improving development workflow and project efficiency.
- Deployed AWS EC2 for server management across staging, production, beta, and gamma environments, utilizing Docker Compose for streamlined Docker image management.
- Authored 100+ test cases with the pytest module, ensuring thorough code validation.
- Adopted Test-Driven Development (TDD) with Pytest, securing over 88% test coverage, which underscored code quality and reliability.

Senior Full Stack Developer
Ratio Finance

📅 02/2017 - 01/2021   📍 United States, OnSite

- Utilized Python/Django and PostgreSQL to architect scalable full-stack software solutions, driving a 25% surge in website traffic and a 15% increase in user engagement.
- Directed a web development team of 4+, leveraging Git for project management and version control.
- Translated Figma designs into responsive frontends using Tailwind CSS, elevating user retention and satisfaction by 35%.
- Redux and Redux-Saga for 40% faster data load times and a 25% reduction in page errors.
- Managed over 30 backend APIs with Django Rest Framework to enhance functionality across diverse features.

SKILLS

Python   Django   React/Next

Angular   Node/Nest/Express   Numpy

Selenium   SQL/NoSQL   Pandas

Blockchain/Solidity   AWS   Docker

OpenAI/LangChain   Microservice   TDD

ACHIEVEMENTS

💎 **ACM winner**
Third Place Prize at ACM, part of International College Programming Contest(ICPC).

LANGUAGES

English
Native   ●●●●●

PROJECTS

Pivotal Energy Solutions

🔗 https://pivotalenergysolutions.com
Home innovation project.

Cropper Finance

🔗 https://cropper.finance
Decentralized System (DEX platform)

FIND ME ONLINE

🌐 **Telegram**
@fantasy1114

GitHub
https://github.com/fantasy1114

Skype
live:.cid.e404296adfc23be9

EXPERIENCE

Full Stack Developer - Internship

WestRoadSouth Limited

📅 10/2016 - 01/2017 📍 Hong Kong, Remote

- Pioneered the launch of an e-commerce platform, leading to a 30% increase in sales revenue within the first quarter, underscoring adeptness in project management and market analysis.
- Mentored the development team on Cypress unit testing integration, doubling code coverage by 50%.
- Streamlined API efficiency by eliminating unnecessary calls and implementing caching strategies, reducing server costs by 20% and boosting system scalability.
- Expedited frontend development by 30% through the adoption of React.js, NPM, and Redux library, facilitating faster product rollouts.

EDUCATION

Bachelor of Science

Stevenson University

📅 04/2010 - 09/2014