

FRATZ ANTIGUA

Software Engineer

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ABOUT ME

Results-driven Software Engineer with 7+ years of experience specializing in full-stack development. Proven track record of delivering high-quality web applications using modern JavaScript frameworks (React, Next.js, Angular) and backend technologies (Node.js, NestJS). Skilled in designing efficient database solutions and implementing cloud-based architectures. Passionate about creating intuitive user experiences and optimizing application performance. Adept at collaborating in cross-functional teams and adapting quickly to new technologies.

TECHNICAL SKILLS

Frontend:	React, Next.js, Angular, AngularJS, JavaScript, TypeScript, HTML, CSS, SASS, TailwindCSS, Material UI, Bootstrap, Redux
Backend:	JavaScript, Node.js, NestJS, .NET, Java, PHP, Python, C#, C++, Express, REST API, GraphQL, Microservices
Database:	MongoDB, MySQL, PostgreSQL, Oracle, Sybase, Firebase, Redis, DynamoDB, Prisma, Mongoose
Tools:	Git, Docker, AWS, Jenkins, Linux, Bitbucket, ChatGPT, OpenAI, LLMs, Automation, Vercel, Jira, Atlassian, Postman, n8n, CI/CD, GitHub Actions

PROFESSIONAL EXPERIENCE

N-Compass TV | Fullstack Software Engineer

March 2024 – Current

- Architected and implemented scalable RESTful and GraphQL APIs that significantly improved data retrieval efficiency and reduced client-side processing time
- Developed sophisticated automation workflows using n8n and custom integrations, streamlining business processes and dramatically reducing manual operations
- Built intelligent AI-powered systems leveraging OpenAI's GPT models and other LLMs to automate content generation, data processing, and decision-making workflows
- Created advanced automation pipelines that seamlessly integrate multiple APIs, databases, and third-party services, processing thousands of operations daily
- Developed responsive and interactive web applications using Angular, React, and Next.js with a focus on performance optimization and accessibility standards
- Designed and implemented custom LLM integrations that enhanced user experience through intelligent content recommendations and automated customer support
- Built robust backend systems using .NET, Node.js, and NestJS that handle high-volume traffic and complex business logic with exceptional uptime
- Engineered intelligent workflow automation systems that transformed processing time from hours to minutes while maintaining high accuracy

- Implemented AI-driven data analysis and reporting automation that provides real-time insights and substantially reduces manual reporting tasks
- Designed and optimized database schemas across NoSQL and SQL platforms, implementing efficient query patterns that improved response times
- Created automated monitoring and alerting systems using custom workflows that proactively identify and resolve issues before they impact users
- Implemented CI/CD pipelines and infrastructure-as-code practices within AWS, transforming deployment time from hours to minutes
- Led sprint planning and retrospectives in an Agile environment, consistently delivering features on time while maintaining high code quality
- Spearheaded the development of intelligent automation frameworks that adapt to changing business requirements using machine learning algorithms
- Collaborated with UX/UI designers to implement pixel-perfect interfaces that significantly increased user engagement metrics
- Reduced critical production issues through proactive monitoring, debugging, and implementing robust error handling strategies with automated workflows
- Conducted regular tech talks on emerging technologies and implemented proof-of-concepts for AI and cloud service integrations
- Spearheaded system architecture improvements that resulted in operational cost reduction and improved scalability
- Implemented comprehensive testing strategies with extensive code coverage, ensuring exceptional product quality and reliability

Technologies: AngularJS, TypeScript, .NET, Node.js, Next.js, NestJS, AWS, Git, Jenkins, Linux, Bitbucket, Docker, n8n, ChatGPT, OpenAI, LLMs, Automation Workflows

Accenture | Senior Software Engineer

May 2022 – March 2024

- Managed and optimized enterprise-level Atlassian ecosystem (Jira, Confluence, JSM) serving over 5000 users while significantly reducing ticket resolution time
- Provided expert-level L2 technical support for Atlassian products, resolving complex issues with consistently high customer satisfaction ratings
- Executed seamless data migration to new Atlassian versions using Postman and custom APIs, achieving zero data loss across hundreds of projects

- Identified and resolved critical application bottlenecks, dramatically improving system performance during peak usage periods
- Implemented strategic application enhancements that substantially increased user productivity and reduced manual processes
- Designed and optimized CI/CD pipelines that significantly reduced build times and deployment failures
- Automated deployment workflows using Jenkins and Docker, enabling much more frequent releases with consistent quality
- Developed sophisticated Bash scripts that automated routine administrative tasks, saving substantial time for the team weekly
- Reverse-engineered and modernized legacy pipeline systems, successfully migrating critical functionality from decommissioned scripts
- Created Python automation scripts that transformed QA testing cycles from days to hours while improving test coverage
- Implemented and optimized CAWA scheduling systems that greatly improved resource allocation efficiency
- Maintained meticulous documentation and code quality standards, resulting in dramatically fewer regression issues

Technologies: PHP, CAWA, Atlassian, Automation Script, AWS, Git, Jenkins, Linux, Bitbucket, Docker, ChatGPT, OpenAI, LLMs

FPT Software Inc | Software Engineer / Automation Tester

December 2020 – May 2022

- Developed advanced Shell scripts that automated the majority of manual test procedures, transforming testing time from days to hours
- Created sophisticated Python automation frameworks that substantially increased test coverage while maintaining excellent accuracy in defect detection
- Successfully migrated mission-critical Java applications from Solaris to Linux RHEL 8, upgrading from Java 1.8 to Java 14 with zero downtime
- Conducted comprehensive analysis of legacy system configurations, creating detailed compatibility mappings that ensured seamless transition to new environments
- Led complex database migration from Sybase to MySQL, preserving data integrity across numerous tables and optimizing query performance
- Engineered efficient CI/CD pipelines that dramatically reduced build times and deployment time, enabling more frequent releases

Technologies: Java, Sybase, Linux, Scripting, Bitbucket, GIT, Jenkins, Oracle, MySQL, TestLink, Python, Shell Scripting

Alliance Software Inc | Software Engineer

July 2018 – April 2021

- Developed and maintained enterprise banking applications, implementing critical financial features that processed millions in daily transactions
- Achieved comprehensive test coverage through extensive djUnit test cases (SLK), substantially reducing post-deployment issues
- Pioneered Minaoshi methodology for systematic bug analysis, dramatically reducing recurring defects across multiple banking systems
- Established rigorous software testing protocols and validation procedures that significantly improved code quality metrics
- Architected data management systems for real-time analysis and built Azure DevOps pipelines that integrated with satellite systems, greatly reducing deployment time
- Led client consultations for software design requirements, resulting in higher customer satisfaction scores and repeat business
- Optimized legacy code bases, reducing memory usage and substantially improving application performance
- Implemented quality assurance processes that dramatically reduced critical bugs in production environments
- Successfully integrated RFID and EFT payment systems with point-of-sale applications, processing thousands of transactions daily with exceptional reliability
- Modernized legacy applications for compatibility with new hardware platforms while maintaining backward compatibility with existing systems
- Delivered feature enhancements that significantly increased application functionality while maintaining system stability

Technologies: Java,PHP,Javascript,C++,C#,Angular,GIT,MySQL,

EDUCATION

Bachelor of Science in Computer Science

University of Santo Tomas - Legazpi | 2014 - 2018