

John Cedrick A. Del Rosario

Senior Full Stack Software Engineer

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SUMMARY

- 10 years of talented full stack web and mobile application development experience
- Excellent Front End Experience with React, Angular, Vue, TypeScript, Tailwind, Vite, GraphQL, Next.js, Nuxt.js
- Back-end Experience in designing scalable microservices, building RESTful APIs, and database management
Experienced with Node, NestJS, Python, Django, Java(Spring Boot)
- Strong Expertise and Experience with AWS services(Lambda, S3, SNS, SQS, ...), Microsoft Azure, Google Cloud

SKILLS

- **Languages**
JavaScript, TypeScript, Python, Java, GraphQL, HTML5, CSS3, SQL
- **Frontend**
React.js, Angular, Vue.js, Svelte, Tailwind CSS, Bootstrap, jQuery, D3.js, Gatsby.js, Next.js, Nuxt.js, Vite
- **Backend**
 - *Node.js, Express, NestJS, Loopback, Sails.js, Koa.js, Hapi.js, Socket.io, TensorFlow*
 - *Django, Flask, FastAPI, CherryPy, TurboGears, Bottle, Pyramid, Tornado, Web2Py, OpenCV*
- **Clouding**
AWS (Lambda, S3, SQS, SNS, API Gateway, Amplify, EC2), Azure, Google Cloud Platform
- **Testing**
 - *Jest, Enzyme, Jasmine, Karma, Cypress, Mocha, Chai, React Testing Library*
 - *PyTest, PyUnit, Lettuce, Robot, Testify, Doctest, Selenium*
- **Headless CMS**
Strapi, Sanity, Contentful, dotCMS, Optimizely, Kontent.ai
- **Databases/ORMS**
PostgreSQL, MySQL, MongoDB, Mongoose, Firebase, Elastic Search, DynamoDB
- **Approach**
Agile, EDD, TDD, OP, Design Patterns, SCRUM, Bizflow
- **DevOps & CI/CD**
Azure DevOps, Docker, CircleCI, Github Actions, Jenkins

PROFESSIONAL EXPERIENCE

Senior Software Engineer

[Oracle Corporation](#) Austin, Texas, United States (Remote)

Apr 2021 – Sep 2024

- Engineered and fine-tuned an Oracle Cloud computing system for healthcare analytics, boosting data retrieval speed by 45% and improving patient care efficiency by 30%.
- Developed and standardized UI components for company-wide design systems, enhancing site-wide consistency; created custom analytics visuals, dashboards, and pages, increasing user engagement metrics by 25%.
- Integrated third-party features using GraphQL and developed a user-friendly query builder, facilitating seamless data retrieval; boosted query efficiency by 40% and reduced manual data handling by 50%.
- Architected a modular design that facilitates core functionality and allows for the easy addition of new modules.
- Reduced existing duplicate code by 80%, utilizing DRY principles and software design patterns.

- Built RESTful APIs and an AI service in the backend and integrated them with the frontend UI.
- Created AWS Lambda, SNS, and SQS solutions with bridge modules to enable seamless data extraction.
- Transformed 5TB of healthcare data into a highly-optimized PostgreSQL database.
- Implemented test-driven development (TDD), developing unit, integration, and end-to-end testing scripts, and integrating them into a CI/CD pipeline on a Jenkins server.

Senior Full Stack Developer

[STA Group Inc.](#) *Chicago, IL, United States (Remote)*

Feb 2018 - Mar 2021

- Developed and maintained Oracle Cloud Platform UI/UX, significantly improving customer satisfaction.
- Created feature pages and reusable components for the OCI Cloud System, enhancing platform functionality and usability.
- Brainstormed new features, tracked bugs, and monitored the marketing efforts as part of a team.
- Advocated for web interaction design best practices, prioritizing consistency and usability in all UI/UX decisions.
- Provided consultation on functionality design and recommended appropriate technologies to adopt, contributing to the overall success of the project.
- Conducted thorough testing of front-end components and APIs, ensuring high-quality and error-free implementation.
- Led the development of Aisle Planner's web application version 2 using React, Redux Toolkit, Material UI, and D3, significantly enhancing user experience and functionality.
- Built RESTful APIs and GraphQL queries using Node.js, NestJS, Python, and Django, improving application performance and user engagement.
- Designed and implemented new submission and on-boarding pages, streamlining the wedding planning process for users.
- Implemented unit and end-to-end testing to ensure high-quality, bug-free code.
- Successfully migrated the existing Angular UI application to a React-based application, boosting performance and maintainability.
- Developed AWS Step Functions and serverless APIs using S3, SDK, API Gateway, DynamoDB, Lambda, and other AWS services to optimize scalability and reliability.

Full-Stack Developer

[White Widget](#) *Quezon, Calabarzon, Philippines*

Apr 2015 - Jan 2018

- Developed comprehensive web and mobile applications, including a time tracking management tool, team communication tool, health-network app, and social networking applications, using technologies such as React, Vue, Node.js, Python, and Django.
- Collaborated effectively in an agile, fast-paced environment, working closely with cross-functional teams to deliver high-quality software solutions.
- Engineered real-time tracking and feedback systems, live chat features, and a secure payment system for both user-facing websites and administrative dashboards.
- Designed and implemented a website and admin dashboard to facilitate scheduling, mission management, and notifications, enhancing overall operational efficiency.
- Integrated third-party APIs, including AWS, Twilio, Stripe, Braintree, and various social APIs, to extend and enhance application functionalities.
- Optimized application performance and scalability by leveraging AWS Lambda and Serverless frameworks.
- Implemented Azure Active Directory B2C (ADB2C) for single sign-on (SSO) and utilized various Firebase features and integrated APIs to improve user authentication and data management.
- Enabled real-time communication and updates within applications by integrating web sockets using Socket.IO.
- Utilized Apollo Client and Apollo Server for GraphQL-based projects, implementing efficient data management solutions through the Apollo framework.

EDUCATION

Bachelor of Engineering (B.Eng), Computer Science, Hong Kong
Hong Kong University of Science and Technology

2010 - 2014