

# ERSKINE DUENAS

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## SKILLS

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<b>Programming</b>	Java, TypeScript, JavaScript, Python, SQL, Redis, OracleDB
<b>Frameworks</b>	Express.js, React.js, Spring Boot, Vue.js, Next.js, Tailwind CSS, Jest
<b>DevOps</b>	Docker, Kubernetes, Jenkins, Amazon Web Services (AWS)

## EXPERIENCE

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<b>Assistant Research and Development Engineer</b> Advanced World Solutions, Inc.	July 2024 - Present <i>Alabang, Philippines</i>
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- Maintained and enhanced the OGIS Powertrade platform, a power trading system for the Japanese electricity market, utilizing Java for backend and Vue.js for frontend ensuring smooth real time transaction handling.
- Improved system performance by 20% through optimization of Java code.
- JSA Certification: Demonstrating advanced expertise in Object-Oriented Programming, functional programming patterns, and modern JavaScript development best practices

<b>Junior Research and Development Engineer</b> Advanced World Solutions, Inc.	Oct 2022 - July 2024 <i>Alabang, Philippines</i>
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- Migrated legacy property management Windows Desktop Application from C# .Net 4.3 and Java 1.4 to ReactTs, ExpressTS and AWS consisting of more than 500 screens and 800 APIs serving over 1M users.
- Increased React.js application test coverage by 12% improving reliability.
- Completed the AWS Center for Technology Incubation(ACTION) Training ESD Track, gaining knowledge in IT concepts, JavaScript, Java, MySQL, business fundamentals, and Japanese language (N5 & N4 levels)
- JSE Certification: Demonstrated proficiency in JavaScript fundamentals, including core syntax and semantics, with proven ability to design and develop basic JavaScript programs

## EDUCATION

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<b>BS in Electronics and Communication Engineering (BSECE)</b> Technological University of the Philippines Manila	2018 - 2022 <i>Manila, Philippines</i>
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