Edward Guillermo Acu López

Software engineer

Personal details

👤 Edward Guillermo Acu López

✉️ acuedd@gmail.com

📞 +502 30468139

🏠 Guatemala

🌐 acuedd.github.io

in linkedin.com/in/acuedd

Languages

Spanish ●●●●●

English ●●●●○

Qualities

■ Leadership

■ Scrum & agile metodologies

■ Innovating

■ Project planning

■ Strategy planning

■ Good communication skills

■ Solution design

■ Critical-Thinking

Profile

Dynamic and results-oriented professional with 14 years of experience in application development, capacity planning, and software engineering. Specialized as a Full Stack Developer with a strong focus on building modern backend solutions using **Node.js**, and successfully leading migrations from legacy **PHP and vanilla JavaScript** codebases to scalable and maintainable architectures based on **React.js** and microservices.

Experienced in developing reactive frontends with React.js and hybrid mobile applications using React Native and Flutter. Passionate about problem-solving and clean, efficient code, with a consistent drive for technical excellence. Strong communicator and collaborator, well-versed in Agile methodologies such as Scrum and continuous delivery practices.

Employment

SR. APPLICATION ENGINEER   May 2022 - Present
Telus, Guatemala

Technologies: Node.js, React.js, Redux, Contentful, Docker, Git, Jira

Role:
- Developed backend microservices using Node.js for internal and client-facing applications.
- Created micro frontends using React and Redux integrated with CMS (Contentful).
- Participated in Agile ceremonies and collaborated across distributed teams.
- Developed and maintained reusable React components to enhance frontend consistency and user experience.

Achievements:
- Deployed microservices that serve over **200+ active users daily** across different internal tools.
- Reduced backend service response time by **30%** through code optimization and database indexing.

Node.js Projects:
- Implemented service integration for content management with real-time updates using Node.js (via Contentful APIs and custom logic).
- Built internal tools that interact with REST APIs for analytics.

Software Engineer (Freelancer)   Feb 2022 - Nov 2022
RAINPOS, Remote

Technologies: PHP, Angular, Vue.js, MySQL, Git, Nodejs

Role:
- Maintained and extended backend services for Point of Sale systems.
- Worked on the frontend using Angular and Vue.js for admin and vendor portals.
- Introduced branching strategies to streamline collaboration and reduce conflicts.

Achievements:
- Helped cut development time by **25%** by improving the Git flow and debugging practices.
- Reduced critical bugs in production by **over 50%** through proper staging/testing strategies.

Node.js & SQL Projects:
Although Node.js was not the primary backend, MySQL was extensively used:
- Designed optimized SQL queries for inventory and sales reports used daily by
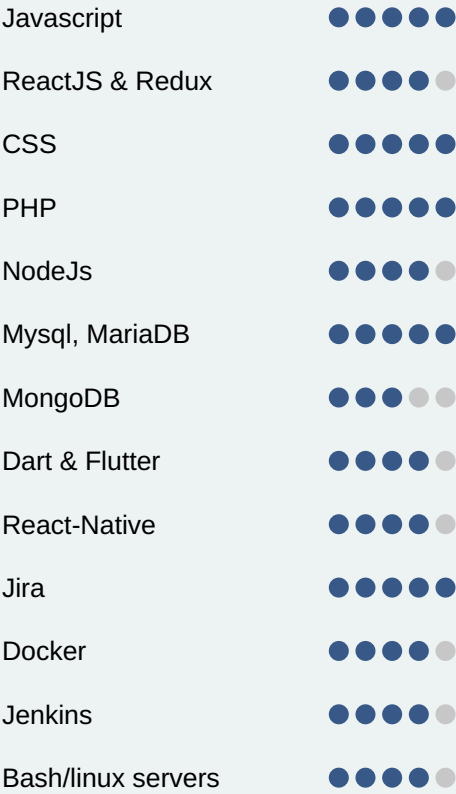
Certificates

Javascript Algorithms and Data Structure
Nov 2023

DevOPS - Universidad de Córdoba
2021

Personal Software Software
2014

Technical Skills

Javascript	●●●●●
ReactJS & Redux	●●●●○
CSS	●●●●●
PHP	●●●●●
NodeJs	●●●●○
Mysql, MariaDB	●●●●●
MongoDB	●●●○○
Dart & Flutter	●●●●○
React-Native	●●●●○
Jira	●●●●●
Docker	●●●●○
Jenkins	●●●●○
Bash/linux servers	●●●●○

Courses

React Native - The Practical Guide
Feb 2024

NodeJS - The Complete Guide
Oct 2023

Apple Fullstack - Platzi
Mar 2020

Backend PHP - Platzi

100+ store admins.
- Collaborated with backend migration planning from legacy PHP to modular architecture with some Node.js peripheral systems.

CHIEF SOFTWARE DEVELOPMENT   **May 2016 - May 2022**
Homeland S.A., Guatemala
Technologies: Node.js, PHP, Javascript Vanilla, MariaDB, Linux, Docker, Bash, Git
Role:
- Led architecture design and development strategy for various internal platforms.
- Supervised software teams and handled project planning, timelines, and budgets.
- Deployed and managed backend services on Linux servers.

Achievements:
- Led migration from monolithic systems to microservices using Node.js and MariaDB.
- Delivered platforms used by **multiple departments with 8000+ daily users**, improving operational efficiency.
- Saved **40% on infrastructure cost** by optimizing deployment pipelines and server resources.

Node.js & SQL Projects:
- Created a service-oriented backend for work order management, built entirely in Node.js with MariaDB.
- Designed and maintained SQL schemas for invoicing, logistics, and auditing systems used in real-time.

FULLSTACK DEVELOPER   **Aug 2013 - Apr 2016**
Homeland S.A., Guatemala
Technologies: PHP, JavaScript vanilla, Node.js, MySQL, Linux
Role:
- Built and maintained web applications, including legacy migrations and new modules.
- Deployed and configured apps on Linux servers.
- Created RESTful APIs and internal tools used by support and logistics teams.

Achievements:
- Automated legacy processes, reducing manual input by **up to 60%**.
- Migrated outdated PHP code to Node.js services with improved maintainability.

Node.js & SQL Projects:
- Implemented a backend module in Node.js to process user interactions with logistics forms.
- Used MySQL for storing and querying structured data, ensuring transactional integrity.

JUNIOR DEVELOPER   **Aug 2010 - 2013**
Homeland S.A., Guatemala
- Write code for different webpages in PHP and JavaScript vanilla.
- Write code for accountable systems.

ACCOUNTING ASSISTANCE   **Oct 2007 - Jul 2010**
SOPESA, Guatemala

ReactJs - Platzi
Jan 2022

Flutter advanced - Platzi
Sep 2019

Manage Linux Servers - Platzi

Docker architecture - Platzi

Hobbies

- Cooking

- Mixology

- Coffee

References

Engr. Cesar Luis Ocaña
Guatemala
+502 5460-3610

Paulo Humberto Flores
Guatemala
+502 5493-5727

Engr. Alejandro Gudiel
Homeland S.A., Guatemala
+502 5528-2787

- Pay taxes and inventory adjustment.
- Organize the bookkeeping processes of the company.
- Evaluate financial budgets and track expenses.

Education

Master of business administration   **Jan 2017 - Jun 2019**
Universidad Mariano Galvez, Guatemala
Completed coursework towards MBA

Bachelor's degree in computer science,   **Dec 2016**
software engineering
Universidad Mariano Gálvez, Guatemala