

# CHRISTOPHER N. NOVA

## DESIGN ENGINEER

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Collaborative Electronics Engineer with seven (7) years of experience leading design, development, testing of electronic systems and field surveys. Considered valuable asset while contributing excellence in cross-functional project leadership to deliver product and solutions on-time and within budget. Strong communicator with ability to translate design requirements into actionable plans.

### AREA OF EXPERTISE

CAD Design	PCB Design and Benchmarking	Web Development
Electronics and Electrical Design	Checksheet and Function Evaluation	Quality Assurance
	Site survey	Telecommunication

### PROFESSIONAL EXPERIENCE

**Design Engineer, Philippine EDS Techno-Service Inc. (Yazaki Corporation)**

**July 2021 - March 2025**

- Circuit Design and Evaluation: Assist in the design, analysis, and testing of electronic circuits for automotive applications, ensuring compliance with industry standards.
- Hardware Development: Work on PCB layout design, circuit optimization, and hardware debugging to meet performance and reliability goals.
- Testing and Validation: Conduct tests to evaluate circuit performance under various conditions and assist in troubleshooting issues.
- Documentation: Maintain detailed technical documentation, including schematics, test reports, and design specifications.
- Benchmarking: Conduct in-depth benchmarking of competitors' electronic Disassemble and study hardware architectures, circuit designs, and components used in competitor ECUs

**Electrical Design Engineer, Bataan Electrical Services**

**November 2020 - April 2025**

- Liaised with stakeholders to define and document design requirements.
- Supported engineering design development through analysis and simulation of prototypes and 3D computer models.
- Full time from November 2020 until June 2021 then transition to Part-time from July 2021 to April 2025.

**Telecom Design Engineer, Wuhan Fiberhome Technologies Philippines Inc.**

**September 2019 - October 2020**

- Developed cost estimates for system and component implementation and operation.
- Assessed facilities to determine capacity and needs for telecommunications systems.
- Tested equipment and circuits using various tools such as standard hand tools and network diagnostic tools.
- Followed standards and procedures to maintain safe work environment

**Site Engineer, Carenett Philippines Inc.**

**January 2018 - March 2019**

- Conduct site surveys to assess the feasibility of telecom installations, considering factors such as terrain, accessibility, and regulatory requirements.
- Develop plans for the placement of equipment, antennas, and other infrastructure components.
- Implement quality assurance processes to ensure that installations meet quality standards and customer requirements.
- Conduct inspections and quality checks throughout the project lifecycle. Oversee the installation of telecom equipment, including antennas, cables, base stations, and transmission systems.
- Ensure that installations are carried out according to specifications and regulatory standards.

- Conduct testing and commissioning of telecom systems to ensure proper functionality and performance. This may involve conducting signal tests, network integration tests, and other performance evaluations.
- Diagnose and troubleshoot issues with telecom equipment and infrastructure.
- Perform routine maintenance tasks to ensure optimal performance and reliability of telecom systems.
- Maintain accurate records of site activities, including installation documentation, test results, and maintenance logs.
- Prepare reports summarizing site activities, issues encountered, and resolutions implemented.
- Collaborate with project managers, engineers, technicians, and other stakeholders to coordinate site activities and ensure project objectives are met.
- Communicate effectively with clients, contractors, and regulatory authorities as needed

## EDUCATION

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### Certificate in Web Development

**January 2023 - January 2024**

Zuitt Learning Institute Philippines

- Front End Web Development: HTML5, CSS3, Bootstrap, Wireframes and Mockups, Git and GitHub, Vercel
- Back End Development: JavaScript, Node.js, Express.js, MongoDB, Postman, REST API
- Full Stack Development: React.js, JS DOM Manipulation, API Integration with Fetch, SDLC and Trello
- AWS Introduction, AWS Managed Services and AWS Serverless Deployment

### Bachelor of Science in Electronics Engineering

**June 2012 - April 2017**

Universidad De Manila

## CHARACTER REFERENCE

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- Engr. Rosano Buerano  
Supervisor  
Philippine Eds-Techno Service Inc. (Yazaki Corp.)  
09178506806
- Mr. Reynaldo T. Bataan  
Owner  
Bataan Electrical Services  
09277019131
- Sgt. Reynaldo A. Ramirez  
Liaison  
Presidential Security Group (PSG)  
09175761079