

CHRISTOPHER N. NOVA

DESIGN ENGINEER

2614 M1 Beata St. Pandacan, Manila 1011 | novachristopher20@gmail.com | +639982567552

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 (Autocad, SketchUp, etc.)	PCB Design and Benchmarking	Web Development
Electronics, Mechanical and Electrical Design	Checksheet and Function Evaluation	Quality Assurance
Architectural Engineering	Site survey	Telecommunication

PROFESSIONAL EXPERIENCE

JR. 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

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

- 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