

ANIMESH TEWARI

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SKILLS

- SOLIDWORKS, AutoCAD, ANSYS
- Revit
- HVAC System Design
- LabVIEW
- Project Estimations
- Proposal Development
- Minitab
- MATLAB
- Manpower Forecasting

EDUCATION

Thunderbird School of Global Management, Phoenix, AZ – ON HOLD AUGUST 2024 – MAY 2025
Master of Global Management

Arizona State University, Mesa, AZ MAY 2021
Master of Science Engineering

Arizona State University, Mesa, AZ MAY 2019
Bachelor of Science in Robotics Engineering

- Minor in Mechanical and Electrical Engineering.

PROJECTS

- Designed and engineered Idaho Cobalt Mine processing plant by delivering documents and drawings to get the plant construction started on the client's schedule.
- Performed field verifications and engineering sign off on Intel, New Mexico plant (FAB 9 & FAB 11) by confirming construction was done as per specification and engineering to deliver the site for factory acceptance testing.
- Designed and engineered Micron Idaho FAB by delivering documents and drawings to get the plant construction started on the client's schedule.

PROFESSIONAL EXPERIENCE

Senior I&C Engineer *Exyte U.S. Inc., Chandler, Arizona, USA* FEB 2026 - CURRENT

- Led the development of I&C designs for largescale industrial and semiconductor projects, building on earlier experience producing engineering drawings, specifications, and system architectures to deliver accurate and constructible design packages.
- Served as the design/trend package owner, overseeing updates to I&C design deliverables, managing revisions, and ensuring all changes were coordinated across process, electrical, mechanical, and piping disciplines.
- Provided Support During Construction (SDC) by guiding field teams, resolving installation issues, and ensuring instrumentation and control systems were installed and commissioned in alignment with design intent and industry standards.
- Drove high-quality submittal reviews for instrumentation, control panels, and automation components, issuing clear, traceable comments and ensuring vendor compliance with project specifications.
- Managed and responded to RFI's with detailed engineering clarifications that resolved design conflicts, supported construction progress, and maintained schedule integrity.

I&C Engineer *Exyte India* MAY 2025 - JANUARY 2026

- Completed instrumentation and controls submittal reviews, issuing clear, traceable comments to ensure vendor packages meet project specifications, standards, and operational requirements.
- Manage and respond to RFI's with detailed engineering clarifications that resolve design conflicts, support construction progress, and protect schedule and quality.
- Reviewed and updated P&IDs, loop sheets, wiring diagrams, and control narratives to support construction sequencing, field changes, and system readiness
- Served as the primary coordinator between India and US engineering teams, ensuring alignment on I&C design deliverables, construction support needs, and project priorities across time zones.
- Facilitated seamless communication and issue resolution by leading technical discussions, clarifying design intent, and driving timely closure of submittals, RFIs, and construction phase queries between global teams.

Technology Systems Engineer III*Exyte U.S. Inc., Chandler, Arizona, USA*

JUNE 2022 - APRIL 2024

- Developed Engineering Solutions, Drawings, Specifications for Instrumentation and Control Systems for semiconductor Industry to get the plant construction started on time.
- Coordinated Instrumentation & Controls design with other disciplines such as Process, Electrical, Piping and Mechanical ensuring a coherent design throughout the plant.
- Worked with clients to develop system architecture to support the control systems to make sure the client had a functional site communications network.

I&C Engineer II*M3 Engineering and Technologies, Chandler, AZ, USA*

SEPTEMBER 2021 - JUNE 2022

- Developed instrument indexes, instrumentation & control specifications, specification forms, logic diagrams, instrument plans, and installation details for timely plant construction. Bullet point formula.
- Supported the procurement process primarily by issuing Engineering Requisitions and helping with Technical Analysis to make sure correct equipment was ordered.

CERTIFICATIONS

- Six Sigma Green Belt
- FE Industrial and Systems (EIT)
- OSHA 30 Hour

PROFESSIONAL AFFILIATIONS

- Institute of Electrical and Electronics Engineers
- American Society of Mechanical Engineers (ASME)
- International Society of Automation Engineers