

# Nivin Nabeel

Senior Product Manager

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Senior Product Manager with over a decade of experience spanning SaaS, AI, automation, data, and digital design technology. Experienced in leading product strategy and translating complex workflows into scalable, intuitive solutions, with recent work focused on AI-powered experiences, agentic workflows, knowledge retrieval, and intelligent automation. Highly technical and customer-focused, with a track record of partnering across engineering, UX, and business teams to take products from discovery through development, launch, and adoption.

## Work Experience:

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### GRAITEC GROUP | TORONTO, CANADA

#### Senior Product Manager | November 2024 - Present

- Led product strategy, roadmap, and delivery across 16 AEC software products, translating customer needs, analytics, and business priorities into product investments and releases.
- Translated complex AEC workflows into product requirements, user stories, acceptance criteria, and scalable software solutions in close collaboration with engineering.
- Led development of AI-powered experiences for Ideate Software, using conversational AI to interpret user intent and orchestrate product capabilities across complex BIM workflows.
- Defined an AI Skills framework that orchestrated deterministic software tools and agentic workflows for model cleanup, model health analysis, BIM data extraction, reporting, and automated Revit tasks.
- Developed a Python-based documentation scraper to structure product knowledge for an internal AI agent and later an in-product agent supporting knowledge retrieval and AI-powered capabilities.
- Contributed to the development of a Knowledge Hub for AI-powered knowledge retrieval, enabling the AI Assistant to access and surface product documentation and domain knowledge.
- Partnered with engineering, QA, UX, and domain experts to define AI skills, tool interfaces, workflows, guardrails, and validation strategies, and led beta testing of AI capabilities.
- Owned end-to-end product development from discovery and requirements through UX, development, QA, beta validation, launch, and adoption.
- Led ExportHub from concept to release, delivering automated multi-format BIM exports with configurable naming, view and sheet sets, and folder organization.
- Led global product launches and enablement through beta programs, demonstrations, documentation, training, and industry presentations.

#### Senior Solutions Architect | April 2024 - November 2024

- Served as a technical and product subject-matter expert across the Ideate Software portfolio, bridging customers, product, and engineering to solve complex BIM, Revit, automation, and data challenges.
- Provided technical consultation to architecture, engineering, and construction organizations, helping teams develop scalable BIM standards, automation strategies, and data-driven workflows.
- Translated customer challenges, technical investigations, and workflow requirements into product opportunities and actionable recommendations for product and engineering teams.
- Designed and built internal tools, including a log and Revit journal parser, to accelerate troubleshooting and root cause analysis of complex technical issues.
- Delivered advanced Level 3 technical support, analyzing application logs, Revit journals, product behavior, and customer environments while coordinating fixes with engineering.
- Conducted product QA and workflow validation using real-world customer scenarios, helping identify usability, performance, and reliability issues before release.
- Led technical demonstrations, workshops, training, and customer enablement while providing feedback that influenced product strategy and feature development.

**IDEATE SOFTWARE | TORONTO, CANADA****Customer Success Manager | August 2022 – April 2024**

- Served as a trusted technical advisor to architecture, engineering, and construction customers, helping teams adopt Ideate Software and improve BIM, Revit, data, and automation workflows.
- Represented the voice of the customer internally, translating feedback, support trends, and workflow challenges into actionable product recommendations.
- Developed a Power BI model health dashboard using DAX and Power Query, transforming product data into actionable BIM analytics and KPIs for customer project teams.
- Partnered with customers to design solutions aligned with corporate BIM standards, project requirements, and automation objectives.
- Supported product testing and QA using real-world customer workflows, identifying issues and providing detailed feedback to product and development teams.
- Led customer onboarding, training, technical workshops, product demonstrations, and conference presentations to drive adoption and help customers realize greater value from the software.
- Created and maintained technical documentation, Getting Started guides, How-To content, videos, and training resources supporting customers worldwide.

**MONTGOMERY SISAM ARCHITECTS | TORONTO, CANADA****BIM Manager | October 2020 – August 2022**

- Led the firm's digital transformation during COVID, driving workflow optimization and efficiency across design and documentation processes.
- Implemented new standards and best practices in modeling and documentation, improving project quality, coordination and collaboration.
- Implemented BIM360 and Ideate Software, developing an interactive BXP Plan that streamlined project kick-offs and improved disciplines coordination.
- Designed and deployed a data-driven Power BI dashboard to enhance project visibility and enable data-informed model management decisions.
- Conducted hands-on workshops and training sessions to address challenges in BIM adoption, ensuring consistent standards and proficiency across teams.
- Championed the firm's expansion into BIM-driven delivery, promoting scalable digital practices that strengthened quality and long-term efficiency.

**GENSLER | TORONTO, CANADA****Digital Design Specialist | February 2019 – October 2020**

- Bridged design and technology, managing multiple office projects to ensure seamless workflows, effective collaboration, and successful project delivery.
- Led the implementation of new digital tools and technologies while providing ongoing technical support, workflow optimization, and training across teams.
- Conducted product testing to ensure quality and reliability, and developed BIM Execution Plans to enhance project efficiency and coordination.
- Spearheaded the firm's transition to BIM360, streamlining collaboration and project coordination.
- Optimized Sidewalk Labs and CIBC Tower workflows and maintained BIM standards for the Pier G Airport development.
- Supported teams in preparing precise digital files for laser cutting, 3D printing, and point cloud scanning, ensuring accurate and efficient production.

**MGBA INC. | TORONTO, CANADA****Intermediate Architectural Technologist | February 2018 – February 2019****RZA INC. | TORONTO, CANADA****Architectural Designer / Project Manager | August 2016 – November 2017****DEPARTMENT OF ARCHITECTURAL SCI. | TORONTO, CANADA****Assistant Curator | January 2016 – April 2016****EIGHT ART HOTEL | SHANGHAI, CHINA****Architectural Designer In Residence | June 2015 – August 2015****ECADI | SHANGHAI, CHINA****Architectural Designer | June 2015 – August 2015****ATELIER3AM, TORONTO, CANADA****Architectural Designer | May 2014 – August 2014**

## Education:

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### **100 SCHOOL | 2024**

#100DaysOfAI

### **SPRINGBOARD | 2018**

UX Design

### **TORONTO METROPOLITAN UNIVERSITY | 2016**

Bachelor's of Architectural Science

### **SOOCHOW UNIVERSITY | 2015**

Chinese Construction Methods

### **ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE - GERMAN JORDANIAN UNIVERSITY VISITING SCHOOL | 2014**

Parametric Modelling of Eroded Morphologies of the Desert

### **THE CHANG SCHOOL OF CONTINUING EDUCATION | 2013**

Building Information Modelling

### **WESTERN UNIVERSITY | 2012**

Arts and Computer Science

## Contributions:

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### **BIGMODE GAME JAM | 2025**

Cats On Treadmills!

### **AUTODESK UNIVERSITY SPEAKER | 2023**

AS131400 | Clone Yourself and Save Time on Repetitive Revit Tasks with Ideate Automation

### **REVIT PURE LIVE GUEST SPEAKER | 2023**

Mastering the Art of Revit Data

### **BUILDING TRANSFORMATIONS (CANBIM) GUEST SPEAKER | 2022**

Industry Summit on Prefabrication: Big Team, Big Project, No Time

### **TORONTO DYNAMO USER GROUP | 2019**

Founding Committee Member

### **NUIT BLANCHE - SOMNIUM | 2016**

Interactive Public Art Installation

### **SUKKAHVILLE | 2015**

Temporary Public Art Installation

## Skills and Technologies:

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**PRODUCT MANAGEMENT & ANALYTICS:** Productboard, JIRA, Azure DevOps, Power BI, Tableau, Excel

**CUSTOMER MANAGEMENT:** Dynamics CRM, NetSuite

**AI & DEVELOPMENT:** Python, AI Agents, Agentic Workflows, Knowledge Retrieval, ChatGPT, Claude, Copilot

**PRODUCT DESIGN & PROTOTYPING:** Figma, Miro, Sketch, Moqups

**MEDIA & COMMUNICATION:** Illustrator, Photoshop, InDesign, Premiere Pro, After Effects, Camtasia, Snagit, PowerPoint

**DIGITAL DESIGN & CONSTRUCTION:** Revit, ACC/BIM360, Ideate Software, Ideate Automation, Dynamo, Grasshopper, Rhino