

Professional Summary

Dynamic Senior Software Developer with 6+ years of expertise in designing scalable backend systems using **Node.js**, **Express.js**, and **MongoDB**. Proven track record in leading cross-functional teams, optimizing high-traffic APIs, and integrating complex third-party services (Razorpay, Stripe, Twilio, AWS). Adept at transforming business requirements into robust technical solutions while driving system efficiency and reliability. Seeking to leverage leadership experience and technical acumen to deliver transformative solutions in a senior role.

Technical Skills

Backend: Node.js, Express.js, TypeScript, PHP

Databases: MongoDB, MySQL, OpenSearch

Cloud/DevOps: AWS, Digital Ocean, Docker

APIs & Tools: RESTful APIs, Socket.io, Postman

Payments: Razorpay, Stripe, PayPal, MangoPay

Other: Git, Trello, EJS, Twilio, Signzy, Jira, BitBucket

Professional Experience

Nativebyte Software LLP, Noida (Remote)

Senior Software Developer | Apr 2023 – Feb 2025

- Spearheaded backend for **UPSC-SITE**, optimizing MongoDB queries to handle user data entries.
- Integrated **Razorpay** and **Signzy** into VueNow's API, streamlining payment processing and identity verification for 5K+ monthly users.
- Enhanced search performance by 15% using **OpenSearch**, improving user experience.
- Led migration of *SavingBunch.ae* to **Strapi CMS**, enabling seamless content updates and improving site. <https://savingbunch.ae/>

Appution, Mohali

Partner & Chief Business Officer | Jan 2018 – Dec 2020

- Scaled backend systems for **Zwapp** (carpooling app) and **Skoshal** (school admission platform), supporting 10K+ users with Node.js and Socket.io.
- Directed a 4-member team to deliver **Candor-IBS**, a health-tracking app with real-time analytics, boosting client revenue by \$20K annually.

Emilence, Mohali

Full-Stack Developer | Jan 2016 – Sep 2017

- Built **Tat Sign**'s tattoo studio management system using Node.js, cutting administrative workload by 25%.
 - Engineered **BabbleU**'s live-streaming API with OpenTok, enhancing user engagement by 30%.
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Key Projects

VueNow - My Cloud Particles

- **Role:** Backend Developer | **Tech:** Node.js, TypeScript, MongoDB
- Worked on a network marketing platform with **Signzy** integration, reducing KYC processing time by 40%.
- Live: <https://vuenow-dev.ntb.one/>

vSense - AI-Driven Sales Platform

- **Role:** Backend Developer | **Tech:** Node.js, Socket.io, AWS
- Implemented real-time chat using **Socket.io**.

UPSC-SITE (Web Backend)

- **Role:** Backend Developer | **Tech:** Node.js, Express.js, MongoDB
 - Worked on creating a gate pass and hall ticket generation system, for the users .
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Leadership & Entrepreneurship

Asis Naturals, Pathankot

Partner & COO | May 2020 – Mar 2023

- Launched an organic retail chain from concept to 3-state expansion in 18 months, partnering with 200+ suppliers.
 - Secured contracts with Armed Forces canteens, driving INR 50 Lac+ annual revenue.
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Education

B.Tech, Computer Science

Rayat Bahra Institute of Engineering & Bio-Technology, Mohali | 2011–2015