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EXPERIENCE

SENIOR SOFTWARE ENGINEER | [BRAINSTRATA](#)

Mar 2025 - Present

Tech Stack: MERN, Next JS, Redis, Docker, Kubernetes, AWS (EC2, S3, Lambda, CloudFront, SQS, SNS, ECS, ECR etc.)

- **Performance & Scale:** Optimized DB, caching, and background jobs, cutting backend load by **45%**.
- **Adaptive Learning:** Implemented quizzes, streaming explanations, and credit logic, reducing drop-offs by **35%**.
- **Cross-Team Delivery:** Collaborated with frontend, AI, and product teams, speeding up releases by **30%**.
- **AI Media:** Operationalized AI-powered PPT & video pipelines, cutting failures by **70%** enabling content creation.

LEAD BACKEND ENGINEER | [DAPPUNK](#) | PART TIME

May 2024 - Present

Tech Stack: Koa Js, Nest JS, Redis, Docker, AWS (EC2, S3, Lambda, CloudFront, SQS, SNS etc.) Full Time (May 24-May 25)

- **Backend Development with NestJS:** Spearheaded scalable APIs, reducing response times by **20%**.
- **6+ LLM and AI pipelines,** increasing efficiency by **60%**, and boosting user engagement with AI by **30%**.
- **AWS & CI/CD:** Reduced deployment time by **60%** while maintaining **99% uptime**.
- **Integration & Scalability:** Unified frontend and backend systems, increasing user satisfaction by **25%**.

SENIOR SOFTWARE ENGINEER | [GROWTH METAVERSE](#)

Dec 2023 - Jul 2024

Tech Stack: MERN, Next JS, MySQL, MongoDB, Docker, Kubernetes, AWS (EC2, S3, Lambda, CloudFront etc.)

- **Built and Scaled Projects on AWS:** Augmented scalability by **50%** for [JadeCaps](#), [Income Taxation](#), and [CityNect](#).
- **High-Engagement Web Apps:** Increased user engagement by **30%** through effective implementation of AWS.
- **Mentored Teams:** Fostered learning and best practices, resulting in a **40%** acceleration in website development.
- **Next.js Optimization:** Resolved API bottlenecks and configured lazy loading, reducing load times by **40%**.

SOFTWARE ENGINEER | [THINKROMAN VENTURES](#)

Jul 2023 - Jan 2024

Tech Stack: Next JS, Supabase, Sanity CMS, MySQL, Python, Tensorflow, Flask

- **Led End-to-End Development:** Developed websites, including [TrCare](#) & [ThinkRoman Academy](#) using Next.js 14.
- **Integrated 6+ AI/LLM models:** (text, audio, and video) into backend and frontend pipelines.
- **Improved generation quality by 50%:** Refining parameters and introducing automated post-processing layers.
- **Established Sanity CMS and Supabase:** Increased content creation speed by **65%**.

MERN STACK DEVELOPER | [BIZOALLY](#)

May 2021 - Aug 2023

Tech Stack: MongoDB, Express JS, React JS, Node JS, Next JS, Firebase

- **Strengthened User Engagement:** Engineered high-quality interfaces, driving a **40%** increase in user engagement.
- **Backend Performance:** Optimized Firebase and Node.js services, improving response times by **30%**.
- **Effective Team Leadership:** Led teams to achieve projects, ensuring **100%** client satisfaction and garnering positive feedback.

TECHNICAL SKILLS

- **Frontend:** ReactJs, Next.Js 15, Javascript, Typescript, Tailwind CSS, ShadCn UI
- **Backend:** Node.js, Express.js, Koa JS, Nest JS, Graph QL, REST API, Python, Flask
- **Devops:** AWS (EC2, Lambda, Cloudwatch, Cloudfront, S3, SQS, SNS, RDS, VPC, ALB, ASG, ECR, ECS, MediaConvert), Docker, Kubernetes, Git, Github, Vercel CLI, GitOps, Argo CD
- **Database:** MySQL, MongoDB, PostgreSQL, MariaDB, Redis
- **AI & LLM:** Advanced models, Vector DBs, Embeddings, Model Optimization

EDUCATION

GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY
B.Tech : Artificial Intelligence & Machine Learning

New Delhi, India
2021-2025

SOFT SKILLS

- 1) Leadership 2) Collaboration 3) Communication 4) Management