

# Aman Behl

Software Engineer | Full Stack Development

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## Professional Summary

Results-driven Software Engineer with 5+ years expertise in JavaScript, TypeScript, Node.js, AWS, REST API. Proven track record architecting high-performance applications serving 500+ daily users and processing 5000+ transactions with 99.9% uptime. Expert in AI-powered systems, microservices architecture, and cloud solutions, consistently achieving 40% performance improvements.

## Technical Skills

- Languages & Runtime: JavaScript, TypeScript, Node.js, Bun
- Frameworks: NestJS, Express.js, Elysia, Next.js, React.js
- Databases & ORM: PostgreSQL, MongoDB, Prisma, Vector Databases
- Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, CI/CD
- APIs: REST, GraphQL, tRPC, OpenAI, Stripe, Twilio, Shopify
- Security: JWT, OAuth, Firebase Auth, Role-based Access Control

## Key Projects

### MindCare - Learning Management System | Bun, TypeScript, MongoDB, Elysia, FFmpeg

- Architected high-performance LMS backend API with comprehensive course management, authentication, and content delivery
- Built automated video processing pipeline for HLS streaming (1080p/720p/480p) with AWS S3 integration
- Implemented JWT-based authentication with Firebase integration and role-based permissions

### Brainvoy - AI Business Intelligence Platform | NestJS, Docker, AWS, LLM

- Developed AI-powered platform leveraging LLMs for intelligent data processing, reducing processing time by 40%
- Designed scalable microservices architecture with AWS integration for model deployment and real-time analytics

### Bodt.io - AI Chat Integration Platform | NestJS, TypeScript, PostgreSQL, Docker

- Built AI-powered chat system with OpenAI API integration and vector database for embeddings optimization
- Integrated with Google Drive, SharePoint, Notion, WhatsApp, and Slack for workflow automation

## Professional Experience

### Software Engineer | Backend Development & System Architecture

- Optimized high-traffic e-commerce platforms using NestJS, Node.js, and TypeScript, achieving 40% improvement in data processing efficiency
- Pioneered AI technology integration and automated communication tools, significantly improving system responsiveness across multiple platforms
- Led security implementation including API enhancements, JWT authentication, and AWS cloud storage solutions
- Managed microservices architecture using Docker containerization for enterprise-level applications with 99.9% uptime

## Education & Achievements

Bachelor of Technology - Computer Science | Bharati Vidyapeeth College of Engineering, Pune | 2017-2021

Key Achievements: 40% system processing improvement • 500+ daily users management • 5000+ daily transactions handling • Zero data loss record

English (Fluent), Hindi (Native) | Availability: Immediate | Relocation: Yes