

# Adarsh Shankar

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GitHub: TriffyCodes | Portfolio: adarshshankar.in | LinkedIn: adarshshankarofficial

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## Education:

**DePaul University**, Chicago, IL, USA

Sep 2022 – Jun 2024

M.S. in Computer Science. (*Honors: 'Magna Cum Laude'*)

**GPA: 3.7/4**

*Relevant Coursework: Data Structures, Distributed Systems, Object-Oriented Programming, Machine Learning.*

**Visvesvaraya Technological University**, Belagavi, India

Aug 2015 – Jun 2019

B.E. in Computer Science and Engineering.

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## Skills:

**Languages:** C++, JavaScript, Python, Java, SQL.

**Frameworks:** Node.js, Express.js, React, Next.js.

**Cloud Platforms:** AWS (EC2, EBS, RDS, S3), Firebase, Vercel, Azure, Cloud Security, Cloud Reliability.

**Databases:** MySQL, MongoDB, PostgreSQL, Schema Design, Indexing, Query Optimization.

**DevOps & Tools:** Git, Postman, Docker, CI/CD, Jenkins, System Design (HLD/LLD), Microservices, Caching, Load Balancing, Design Patterns, Multithreading, Data Structures & Algorithms, OS, Networks, Object-Oriented Programming.

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## Professional Experience:

**SliQue Robotics**, Senior Software Engineer

May 2025 – Aug 2025

- Spearheaded full-stack development of Devland Academy, led backend with Node.js/Express and infrastructure on AWS.
- Reduced API latency by 40–45% via service refactors, connection pooling, and targeted query optimizations.
- Implemented real-time dashboards, and course tracking, increasing user engagement by 60%.
- Set up CI/CD with Jenkins and Docker on AWS, cutting release cycles from 48 hours to 4 hours and reducing incidents.
- Achieved 99.9%+ uptime during peaks through autoscaling & load balancing.
- **Tech Stack: Node.js, Express.js, MongoDB, AWS, Docker, Jenkins, JWT, Git.**

**Oak Street Health**, Software Engineer Intern

Jun 2023 – Aug 2023

- Developed and optimized Node.js/Express REST APIs with strict validation and centralized error handling, stabilizing peak traffic for 10k+ daily requests.
- Implemented JWT-based authentication and authorization middleware, cutting auth-related defects by 30%.
- Added pagination and targeted query optimizations on read-heavy endpoints, reducing average response latency by 40%.
- Created Postman collections and smoke tests; documented API contracts to streamline QA and handoffs.
- **Tech Stack: JavaScript, Node.js, Express.js, MongoDB, Postman, Git, React.**

**Infosys Limited**, System Engineer

Dec 2019 – Sep 2021

- Built and maintained Node.js/Express REST APIs for healthcare workflows with robust validation and JWT-based access, supporting 100,000+ users globally.
  - Optimized PostgreSQL with indexes and pagination, reducing average API response time by 30% and cutting peak DB load by 20%.
  - Automated CI/CD with Jenkins and Docker, standardized configs on AWS (EC2, RDS, EBS), reducing deployment time from 2 hours to 20 minutes.
  - Implemented structured logging and alerts, improving mean time to detect for API errors by 35%.
  - **Tech Stack: Node.js, Express.js, PostgreSQL, AWS, Docker, Postman, Git.**
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## Projects:

**VideoMate Backend** (Project Link)

Aug 2025 – Sep 2025

- Designed a scalable Node.js/Express API for a video-sharing platform with JWT auth, video uploads, playlists, subscriptions, and MongoDB aggregates. **Tech Stack:** Node.js, Express.js, MongoDB, Multer, Cloudinary, JWT, bcrypt.

**Pen and Pixels (A Blog App)** (Project Link)

Jan 2025 – Feb 2025

- Blog platform with user authentication and CRUD using Appwrite and React. **Tech Stack:** React.js, Appwrite, Redux, TinyMCE, react-router-dom, Vercel.

**TravelMateAI (AI - Based Travel Planner)** (Project Link)

Oct 2024 – Nov 2024

- AI-powered travel planner using React, Firebase, Gemini AI.
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## Coding Profiles:

Solved 450+ Problems on:

- Leetcode: **TriffyCodes**, Code360: **TriffyCodes**, GeeksForGeeks: **TriffyCodes**.