

Dishank Hanwate

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SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, Python, C#, SQL.
- **Frontend:** React.js, Angular, Tailwind CSS, Bootstrap, HTML5, CSS3, React Router v6.
- **Backend:** .NET Core, Node.js, Express.js, RESTful APIs, Microservices, JWT Authentication.
- **Databases:** PostgreSQL, MySQL, MariaDB, MongoDB, Redis.
- **Tools & DevOps:** AWS (EC2, S3, CloudWatch), Docker, Git, Postman, JMeter, RabbitMQ, Agile/Scrum.

WORK EXPERIENCE

Purdue University

Graduate Teaching Assistant & Technical Grader

Fort Wayne, IN

Sep 2025 – May 2026

- Elevated the code quality of 50+ graduate students by conducting rigorous cross functional code reviews across **Machine Learning**, NLP, and **Advanced Algorithm Design** coursework.
- Evaluated complex data science pipelines and relational database schemas, providing actionable feedback on **PyTorch** neural network architectures, NLP text tokenization, and strict **3NF database normalizations**.

Gameplay, Inc.

SDE Intern (Full-Stack Developer)

San Francisco, CA

May 2025 – Sep 2025

- Integrated **Google Maps APIs** with a **.NET Core** backend to engineer location-based search capabilities for a sports venue booking engine, building out the responsive frontend UI for a seamless user experience.
- Accelerated high volume booking transaction speeds by optimizing **PostgreSQL** database performance, reducing query latency through strategic indexing and refactored stored procedures.
- Debugged and resolved critical application issues, utilizing **.NET logging tools** to trace and fix backend routing and database integration bugs.

Zeus Learning

Software Engineer (Full-Stack Developer)

Mumbai, India

Jun 2022 – Aug 2024

- Deployed 5 core full-stack features for an enterprise Learning Management System utilizing **.NET Core** and **Angular**, directly supporting the educational workflows of **10,000+ active users**.
- Decreased API response times by up to **60%** by analyzing **JMeter** load test reports and tracing **Amazon CloudWatch** logs, eliminating database bottlenecks via refactored **MariaDB** stored procedures.
- Achieved high availability storage for multimedia educational assets by deploying scalable infrastructure on **AWS EC2** and integrating **Amazon S3** for secure data retrieval.
- Improved asynchronous messaging and search performance across a distributed microservices architecture by collaborating on the maintenance of **RabbitMQ** queues and **Elasticsearch** integrations.

PROJECTS

Tomato-Eats | MERN Stack E-Commerce Architecture

Jan 2025 – May 2025

- Simulated a secure, real world e-commerce environment by engineering a full stack online food delivery platform using the **MERN stack** (MongoDB, Express, React, Node.js).
- Architected global state management via **React StoreContext** to ensure seamless cart persistence and prevent client side data desynchronization.
- Secured temporary user shopping sessions and checkout flows by developing backend **RESTful APIs** with **Node.js** and integrating the **Stripe API** for encrypted payment processing.

Pawshank Redemption | Node.js & MySQL Facility Management

Jan 2025 – May 2025

- Eliminated data redundancy across adoption, medical, and booking records by designing and implementing a strict **3NF normalized MySQL database schema** featuring 8 core entities.
- Guaranteed **100% billing accuracy** by engineering automated **MySQL** database triggers (AFTER INSERT) to dynamically generate financial invoices upon new booking creations.

EDUCATION

- **Master of Science in Computer Science** | Purdue University Fort Wayne | May 2026 | GPA: 4.0/4.0
- **Bachelor of Engineering in Information Technology** | University of Mumbai | May 2022 | CGPA: 8.3/10