

OVESH SHAIKH

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PROFESSIONAL SUMMARY

Analytical and results-driven **Software Engineer** with a Master's in Computer Science and 3+ years of combined academic, internship, and project experience developing scalable web and backend applications. Skilled in **Java, Python, and JavaScript**, with hands-on expertise in frameworks such as **React.js, Node.js, and Django**. Strong foundation in **data structures, algorithms, and object-oriented programming**, with a focus on building efficient, reliable, and user-focused software solutions.

WORK EXPERIENCE

Green2Gold

Simi Valley, CA

Software Engineer Intern | Remote

Mar 2025 – Present

- Built and optimized secure **Django REST APIs** integrated with React, improving data retrieval speed by **25%**.
- Designed donation workflow modules that increased donor conversion by **15%**, better UX & validation logic.
- Automated backend-to-frontend data synchronization, reducing manual update errors by **30%**.
- Authored detailed technical and process documentation, cutting onboarding time for new developers by **40%**.

Image.io Optimum Technology Resources

Gujarat, India

Web Developer Intern

Jul 2021 – Jun 2022

- Developed **modular React components** integrated with Node.js and MongoDB, reducing UI bugs by **60%**.
- Optimized RESTful API endpoints and database queries, improving app performance and load times by **20%**.
- Implemented reusable front-end state management patterns, accelerating new feature delivery by **35%**.
- Partnered with designers and QA to ensure pixel-perfect, responsive web interfaces across all devices.

PROJECTS

Twitter Clone (Next.js | MongoDB | Vercel | AWS S3) | [Live Demo](#)

- Developed a secure full-stack social platform with JWT authentication and optimized APIs, **reducing response latency by 35%** through indexed queries and caching.
- Deployed via Vercel / AWS S3 with optimized caching, reducing response latency by **50%**.
- Implemented modular React components and dynamic routing, **improving code maintainability by 40%**.

Train Ticket Booking System (Java | JSON) | [GitHub Link](#)

- Engineered a **role-based Java backend** for login, booking, and cancellation with JSON persistence.
- Improved maintainability by **40%** through modular service classes and distributed logic simulation.
- Strengthened data validation and session handling, improving reliability by **35%**.

Data Analysis on Contoso Retail DW (SQL Server | OLAP) | [GitHub Link](#)

- Designed **OLAP cubes and advanced SQL queries** (CTEs, window functions) to analyze **100K+ rows**.
- Increased reporting efficiency by **40%** and reduced manual workload by **70%**.
- Delivered interactive dashboards improving analytical clarity by **35%**.

SKILLS

Languages: Java, Python, JavaScript | Frameworks: React.js, Node.js, Django, Next.js, TypeScript

Databases & Tools: MySQL, SQL Server, MongoDB, AWS, Docker, Git, Postman, PostgreSQL, Spring Boot

Core Concepts: OOP, Data Structures & Algorithms, Agile Development, System Design

EDUCATION

Master of Science in Computer Science

Cleveland, OH

Cleveland State University

Aug 2022 – Dec 2024

- Focus: Database Systems, Data Mining, Enterprise Data Warehousing, Algorithms, and Information Security

LEADERSHIP & ACCOMPLISHMENTS

- Demonstrated leadership at Cleveland State University by streamlining student support operations in the Viking ID Card Office, improving service efficiency by **35%** and boosting student satisfaction scores by **40%**.
- Led a volunteer tech initiative that modernized community management systems, boosting local engagement by **45%** and earning recognition for innovation.
- Recognized for technical excellence, maintained a **100+ day LeetCode streak**, mentored peers, and contributed to collaborative coding projects, enhancing team productivity by **25%**.