

BUDDHSEN TRIPATHI

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EDUCATION

New York University <i>Master of Science in Computer Science</i>	Sep 2025 – May 2027 New York, USA
Vellore Institute of Technology <i>Bachelor of Technology in Computer Science and Engineering</i>	Jul 2019 – May 2023 Vellore, India

EXPERIENCE

Amadeus Software Labs <i>Software Development Engineer I</i>	Jul 2023 – Aug 2025 Bengaluru, India
<ul style="list-style-type: none">Developed and optimized document generation systems using Java Spring, Freemarker, and Angular within an Agile environment, improving rendering latency by 12% across thousands of daily airline transactions.Assisted in migration of 75% of on-premise services to Azure Cloud, implemented CI/CD pipelines, containerized services, and achieved 99.9% uptime with enhanced scalability and fault tolerance.Performed security analysis using Fortify and BlackDuck, identifying and fixing high/critical issues to improve code reliability and reduce vulnerabilities by 50%.Resolved 200+ Incident and Problem Trouble Reports (IR/PTRs) through root-cause analysis, automation, and refactoring, boosting deployment stability and delivery efficiency across distributed environments.	
Amadeus Software Labs <i>Software Development Engineer Intern</i>	Jan 2023 – Jun 2023 Bengaluru, India
<ul style="list-style-type: none">Built and deployed a UI-based application replacing a legacy email workflow, decommissioning insecure flows and improving compliance across over 10 client operations.	

PROJECTS

DeepFind.Me <i>Next.js, NestJS, PostgreSQL, Docker, AWS, OpenAI API</i>	<ul style="list-style-type: none">Founded an OSINT platform with 30+ intelligence tools, scaling to 1.8k+ users and 45k+ quarterly visits.Built an AI OSINT Agent that unified all tools into a single investigative workflow; platform later acquired by UserSearch.
Bucket0.com <i>Next.js, Supabase, Cloudflare, AWS, React Native</i>	<ul style="list-style-type: none">Built a unified platform for managing S3-compatible buckets (Cloudflare R2, AWS S3 etc) along with a secure private cloud storage service.Currently building a cross-platform Android/iOS app in React Native, integrated with Clerk auth and existing backend.

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL, JavaScript, TypeScript, HTML/CSS

Frameworks: Angular, React, Next.js, Node.js, NestJS, Supabase, Flask, TensorFlow, Express, TailwindCSS

Databases: MySQL, PostgreSQL, MongoDB

Cloud & DevOps: AWS, Azure, Google Cloud Platform (GCP), Docker

Testing & CI/CD: Git, Jenkins, GitHub Actions, JUnit

CERTIFICATIONS & ACHIEVEMENTS

Certifications: Fundamentals of Accelerated Computing with CUDA Python (NVIDIA); Web Application Technologies and Django (University of Michigan); Responsive Web Design (freeCodeCamp); Advent of Cyber 2021 (TryHackMe).

DSA Practice: Solved 200+ problems on LeetCode (peak rating 1651); 3-star on CodeChef (1662).

Cybersecurity: Level 10 on TryHackMe with 16 badges; peak global rank 9906.