

Neha Chaudhari

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EDUCATION

Master of Science in Computer Science

Clark University; Worcester, MA

December 2025

Bachelor of Science in Electronics

MAKAUT; Burdwan, WB

July 2018

EXPERIENCE

Clark University; Worcester, MA

January 2025-April 2025

Teaching Assistant

- Mentored 30+ students in C# and OOP, resulting on-time project completion rates and fewer last-week resubmissions.

Thingbits Electronics Pvt Ltd; Mumbai, MH

October 2018-July 2024

Software Developer

- Built distributed e-commerce platform using Ruby on Rails serving 50K+ monthly users with 99.9% uptime, developing intelligent product discovery and volume pricing features that increased customer retention 15% and drove measurable revenue growth
- Led cross-functional initiatives with product and design teams to architect and deliver Rails-based customer-facing features, mentoring junior developers and establishing best practices that improved team velocity 20%
- Reduced page load times from 2.1s to 1.4s (40% improvement) by optimizing database queries through advanced indexing and Elasticsearch integration, directly improving user experience for 50,000+ monthly active users
- Integrated Stripe and third-party data services using OAuth2 and RESTful APIs, building automated verification system with n8n and OpenAI, reducing manual review time 60% and enabling 2x faster order processing

ACADEMIC TEAM PROJECT

AI Powered Code Review Assistant; Clark University, Worcester, MA

September 2025-Dec 2025

Designed and deployed an AI-powered code review system processing multi-file repositories, automating security and quality checks using OWASP-aligned metrics and reducing manual review effort while enabling faster feedback cycles for developers. Built API-driven workflows using FastAPI and React to support real-time feedback delivery and system interaction.

SKILLS

Languages and Frameworks: Ruby, Ruby on Rails, Python, Django, JavaScript, FastAPI, React

Databases and Performance: PostgreSQL, MySQL, Redis, Elasticsearch

Cloud and DevOps: AWS (EC2, S3), Docker, Nginx, GitHub, CI/CD Pipeline,

APIs & Integration: RESTful APIs, OAuth2, Payment Gateways, MCP