

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

SKILLS

Languages: Python, Ruby, JavaScript, C, HTML, CSS

Frameworks: Django, Ruby on Rails, React, Tailwind CSS, Bootstrap

Testing: RSpec, pytest

Databases: PostgreSQL, MySQL, Redis (caching, query optimization)

Cloud & DevOps: AWS (EC2, S3), Terraform, Docker, Nginx, Capistrano, GitHub Actions, Kubernetes

Software Engineering: OOP, MVC, MVT, REST API Design, OAuth2, Test-Driven Development

Tools and Methodologies: GitHub, Postman, Agile and Scrum, Notion

EXPERIENCE

Clark University; Worcester, MA

January 2025-April 2025

Teaching Assistant

- Mentored 30+ students in C# Desktop Application Development using .Net, OOP

Thingbits Electronics Pvt Ltd; Mumbai, MH

October 2018-July 2024

Software Developer

- Developed backend using Rails, PostgreSQL, and Sidekiq to support a high-traffic platform and background jobs
- Optimized caching and job processing with Redis and Rack-Cache, reducing load time by 30%
- Refactored database queries with advanced indexing and Elasticsearch, improving performance by 40%
- Developed Spree extensions (related products, volume pricing), boosting customer retention by 15%
- Integrated OAuth2 authentication and RazorPay payment gateway for secure, compliant transactions
- Built 15+ REST API endpoints for external integrations and internal modules
- Built real-time analytics dashboards with Blazer to track customer behavior and drive revenue
- Tracked user behavior/events using Ahoy to generate visitor heatmaps
- Deployed production application on AWS, configured Nginx and Puma and automated CI/CD pipeline
- Collaborated with frontend developers on custom features and extensions
- Worked closely with directors to accelerate feature delivery and decision-making

ACADEMIC TEAM PROJECT

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

September 2025-Ongoing

- Review platform to improve coding practice through analysis and real-time feedback
- Scalable microservices using Firebase, RabbitMQ, Fast API, Django, PostgreSQL, Redis