

Meet Gandhi

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Education

Northeastern University

Expected May 2025

Masters of Science in Computer Science (GPA: 4.00 / 4.00)

Boston, MA, USA

- **Relevant Coursework:** Program Design Paradigm, Web Development, Algorithms, Information Retrieval, Database Management, Algorithms, Foundations of Software Engineering, Mobile Application Development, Computer Systems

K. J. Somaiya College of Engineering

May 2023

Bachelors of Engineering in Computer Engineering (GPA: 3.80 / 4.00)

Mumbai, MH, India

- **Relevant Coursework:** Python, Data Structures, Object Oriented, Database Management Systems, Web Development, C.

Technical Skills

Languages: JavaScript, Python, Java, TypeScript, C, C++, GoLang, Rust, Kotlin, Swift, Go, Scala, R, Perl, Dart

Database: MongoDB, Elasticsearch, Firebase, MySQL, MariaDB, Oracle, PostgreSQL, MSSQL, SQLite, Amazon DynamoDB

Full-Stack: HTML, CSS, React.js, AngularJS, Vue.js, Next.js, NestJS jQuery, Ruby, NodeJS, Express.js, Django, PHP, Laravel

Cloud Computing: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), Heroku, Netlify, Render.

Experience

Fidelity Investments

July 2024 – Present

Software Development Engineer – ReactJS, Node.js, Swift, SwiftUI, Next.js, NestJS, Redis, FastAPI, and PostgreSQL

Boston, MA, USA

- Developed a Proof of Assets system enabling 10+ businesses to verify crypto wallet ownership across 15+ exchanges and wallets with a 100% validation accuracy and a 99.9% uptime, processing 100+ daily API requests.
- Engineered OnRamp, a high-performance crypto transfer pipeline facilitating transactions across 10+ exchanges and wallets via RESTful APIs and OAuth, reducing transfer latency by 60% through optimized API Gateway integration and load balancing.
- Spearheaded DevOps automation by implementing EC2 instance rehydration system for RHEL using Shell scripting and AWS CloudFormation, reducing deployment time from 4 hours to 6 minutes (94% reduction), automating certificate management for 10+ instances and improving cross-team efficiency by 40% through streamlined Jira workflows.
- Architected Actuator, a robust API health monitoring system with 5-minute interval checks across 20+ endpoints, achieving 99.9% incident detection rate and reducing Mean Time to Resolution (MTTR) by 75% through automated alerting via email and Microsoft Teams integration, complemented by a real-time analytics dashboard for enhanced visibility.

Northeastern University

Jan 2024 – June 2024

Graduate Teaching Assistant – React, Node.js, HTML, CSS, JavaScript, Express.js, JSON and MongoDB

Boston, MA, USA

- Facilitated weekly sessions for 120+ graduate students on Full Stack Technologies achieving 95% student satisfaction rate.
- Provided personalized assistance to 50+ students weekly, resulting in 25% improvement in class average performance. Graded 200+ assignments with 100% accuracy while maintaining 24-hour turnaround time.
- Managed 3 communication channels with 98% response rate, conducted 8 weekly office hours serving 30+ students, and collaborated with 2 professors to enhance course material, leading to 40% better assignment completion rates.

Ergode

May 2022 – Oct 2022

Software Development Intern – Laravel, PHP and MySQL(LAMP stack)

Mumbai, MH, India

- Enhanced e-commerce platform using implementing Kanban methodology to triple return customer rate to 66% and increase daily traffic by 63% through improved UI/UX and feature additions.
- Developed Python automation scripts for cron job detection and documentation with pandas integration, reducing manual effort by 85% and saving resources equivalent to 3 interns over 2 months.
- Accelerated real-time data access to 93% through NodeJS web app optimization, integrating CDNs and Redis caching, resulting in 57% faster page loads and collaborating with 3 cross-functional teams to integrate external APIs for a 6% revenue increase.

Projects

S.H.I.E.L.D. Auth | MongoDB, Express.js, Node.js, AWS, Axios, React Hooks

- Developed OAuth 2.0 server-side auth system enabling signup, login, and access and refresh token generation with customizable scopes for resource access delegation.
- Implemented REST APIs and CRUD operations using Node.js and Express.js and integrated MongoDB Atlas on AWS for scalable database management. Implemented advanced security features, including token introspection, role-based access control (RBAC), and HTTPS enforcement to ensure secure client-server communication.

Image Processing App | Java, Swing

- Developed a modular Image Processing app adhering to MVC Design pattern, with Swing for GUI, offering interactive text UI, batch processing, and various image manipulations like color adjustments, flipping, blur, and compression.
- Employed Design Patterns, adhered to SOLID principles, and utilized JUnit for testing. Leveraged key Object Oriented Programming concepts like Abstraction, Encapsulation, Polymorphism, and Inheritance for enhanced modularity.

Cooking Recipe Generator | Python, HTML, CSS, JavaScript, Django, Flask

- Developed a scalable recipe management system using backend efficiency with microservices architecture.
- Built a responsive and engaging user interface for seamless recipe recording and search functionality.
- Integrated AI models for voice-to-text transcription, ingredient extraction, and recipe formatting to enhance user experience.