

CHIRAG CHAVDA

New York, NY | +1-614-290-6136 | dev.chiragc@gmail.com | [LinkedIn](#) | [Portfolio](#)

Professional Summary

Senior Software Engineer with 9+ years building scalable, high-performance applications across frontend, backend, and cloud infrastructure. Expert in React, Angular, TypeScript, Java, Spring Boot, and microservices architecture. Proven track record optimizing system performance by 40%, integrating AI/ML workflows, and delivering production-grade solutions. Strong expertise in distributed systems, cloud-native development (AWS, Kubernetes), and leading cross-functional teams in Agile environments.

Technical Skills

- **Frontend:** React, Angular, TypeScript, JavaScript, HTML5, CSS3, SCSS, Tailwind CSS, Redux, Next.js, RxJS, Responsive Design
- **Backend & APIs:** Java, Spring Boot, .NET Core, C#, ASP.NET Web APIs, REST, gRPC, Microservices, Node.js, Python
- **Cloud & DevOps:** AWS (Lambda, S3, DynamoDB, EC2), Docker, Kubernetes, CI/CD, GitHub Actions, Jenkins, Terraform
- **Data & Streaming:** Apache Kafka, Spark Streaming, PostgreSQL, MongoDB, Redis, ETL Pipelines, SQL
- **AI/ML:** Python, Pandas, NumPy, scikit-learn, GPT API Integration, LLM Workflows, Drools Rules Engine
- **Performance & Systems:** C++, STL, Multithreading, Memory Management, JProfiler, Valgrind, Code Profiling
- **Testing & Tools:** Jest, Enzyme, Selenium, WCAG Compliance, Git, GitHub, Figma, Agile/Scrum

Work Experience

Techuz Infoweb Pvt. Ltd., India

Front-End Developer | Dec 2019 – April 2023

- Architected scalable enterprise UIs using React, Angular, and TypeScript serving 100K+ users with 99.9% uptime
- Improved frontend performance by 40% through code splitting, lazy loading, advanced caching, and asset optimization
- Designed reusable component libraries with Storybook, reducing development time by 30% across 5+ product teams
- Integrated AI-powered code review and test generation tools, reducing bugs by 25% and accelerating release cycles
- Implemented automated WCAG 2.1 AA accessibility testing, ensuring compliance and improving user inclusivity
- Led Agile ceremonies and collaborated with cross-functional teams (UX, Backend, QA) to deliver features on schedule

Uplers, India

Software Engineer | April 2018 – Dec 2019

- Built cloud-native digital lending platform using Angular, Spring Boot microservices, Kubernetes, and AWS infrastructure
- Developed .NET Core microservices for admin workflows, reducing operational overhead by 35%
- Implemented AI-assisted decision automation with Python scoring models and Drools Rules Engine, cutting manual review time by 40%
- Secured RESTful APIs using Spring Security, OAuth 2.0, and JWT, ensuring PCI-DSS compliance
- Designed Python ETL pipelines processing 1M+ records daily for analytics and ML model training

Zealousweb Technologies Pvt. Ltd., India

Software Engineer | Aug 2016 – April 2018

- Optimized high-throughput backend services in Java and C++, achieving 25% performance improvement handling 10K+ requests/sec
- Built real-time data streaming pipelines using Kafka and Spark Streaming for fraud detection and analytics systems
- Developed REST and gRPC microservices deployed via Docker and Kubernetes with automated CI/CD pipelines
- Eliminated memory leaks and bottlenecks using JProfiler and Valgrind, reducing server costs by 20%

Global Websoft Pvt. Ltd., India

Software Engineer | May 2012 – July 2016

- Developed full-stack web applications using JavaScript, HTML5, CSS3, PHP, and C++, delivering 20+ production features
- Created modular, reusable UI components, improving code maintainability and reducing technical debt
- Optimized application load times by 50% through strategic caching, minification, and server-side performance tuning

Education

- **Master of Science in Computer Science** **May 2024- Dec 2025**
St. Francis College, Brooklyn, NY
- **Bachelor of Computer Application** **May 2009- Apr 2012**
Gujarat University, Gujarat, India

Projects

1. AI-Powered Code Review & Automation Platform

- Built tool integrating OpenAI APIs for automated code review, performance analysis, and test generation. Implemented React dashboard with Spring Boot backend for code quality metrics.

2. Microservices-Based High-Throughput Notification System

- Engineered scalable notification platform using Spring Boot, Redis, Kafka, and WebSockets processing 200K+ messages/min with Angular monitoring dashboard.

3. Customer Churn Prediction Pipeline

- Developed ML pipeline using Python, Pandas, scikit-learn with FastAPI microservice. Created interactive React + Plotly dashboard for visualization