

# JAY GONDALIA

## FULL STACK DEVELOPER - Full Stack Web Development & Application Development

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### SKILLS

- **Frontend Development:** React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Angular, Bootstrap.
- **Backend Development:** Node.js, Express.js, RESTful APIs, GraphQL, Java, Python, JWT, OAuth2 Validation.
- **Databases & Data Management:** PostgreSQL, MySQL, MongoDB, Data Modeling, Query Optimization.
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Azure, Docker, Kubernetes, CI/CD, Jenkins, GitHub Actions.
- **Testing & Tools:** Jest, Mocha, Postman, Git, Jira, Agile/Scrum, Power BI Dashboards, Responsive UI Design.

### WORK EXPERIENCE

#### Full Stack Developer

*Skyline Infosys*

September 2020 - July 2023

*Surat, India*

- Engineered and deployed 10+ full-stack web applications using React.js, Node.js, and PostgreSQL, supporting 500+ concurrent users with 99.9% uptime in production environments.
- Improved backend performance by 25% through advanced SQL query optimization, indexing strategies, and API response restructuring across PostgreSQL and MySQL databases.
- Reduced deployment time by 40% by implementing CI/CD pipelines using Jenkins and Docker, achieving 85% automated test coverage and enabling zero-downtime releases.
- Designed and integrated 30+ RESTful and GraphQL APIs, decreasing third-party integration time by 60% and accelerating feature delivery across 15 Agile sprints.
- Increased data accuracy by 25% by implementing automated validation rules, centralized error handling, and structured logging across the microservices architecture.

### PROJECTS

#### AI Web Scraper - Full Stack Developer

*Python, Selenium, LangChain, React.js*

- Engineered an AI-powered full-stack data extraction platform integrating Selenium and LangChain to scrape and structure data from 100+ web pages with 95% extraction accuracy.
- Developed natural language query processing to convert user prompts into structured scraping workflows, reducing manual data collection efforts by 80%.
- Implemented authentication handling, AJAX content parsing, and pagination logic, improving scraper reliability across 20+ complex websites.
- Deployed the web application using Docker containers, improving environment consistency and reducing overall setup time by 50%.

#### YouTube Sentiment Analysis System - Backend Developer

*Python, Pandas, NLTK, Scikit-learn*

- Developed an end-to-end data pipeline integrating YouTube API for extracting and processing 10,000+ comments for sentiment analysis.
- Implemented feature extraction and text normalization workflows using NLTK, improving model performance by 20%.
- Trained and optimized machine learning models, pipeline using Docker, achieving 93% sentiment classification accuracy using Scikit-learn.
- Processed data cleaning and null-handling processes, reducing preprocessing errors by 30% and ensuring analytics ready datasets.

### EDUCATION

#### Postgraduate Diploma in Artificial Intelligence & Machine Learning

*Fanshawe College, London, Ontario*

September 2023 - December 2024

#### Bachelor of Engineering - Information Technology

*G H Patel College of Engineering, Gujarat, India*

July 2015 - May 2019

### CERTIFICATIONS

- **Microsoft Certified: Azure Data Fundamentals** - May 2025
- **Deloitte Data Analytics Job Simulation**