Divya Patel

862-283-7754 | divpatel031000@gmail.com | U.S. Citizen

EDUCATION

Rutgers University   New Brunswick, NJ
Bachelor of Science in Computer Science, Minor in Business Administration, GPA: 3.5   *Sept. 2022 – May 2026*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL, HTML/CSS
Frameworks: React, Spring Boot, Flask, Node.js, JUnit
Databases: MySQL
AI/ML: OpenAI API, Whisper, NumPy, Pandas
Cloud & Platforms: AWS, SAP S/4HANA
Tools: Git, GitHub, JIRA, VS Code, Eclipse
Certifications: AWS Certified Cloud Practitioner

EXPERIENCE

Software Engineer Intern   September 2025 – Present
Antreex (Document Signing SaaS Startup)   *Remote, US*
- Contributed to backend development for a document e-signature platform, implementing APIs to support document upload, storage, and signature workflows
- Built an AI-powered document summary feature using OpenAI APIs, handling prompt design and response parsing to generate concise summaries for signed documents
- Improved the signing flow by refining request handling and reducing friction in the user experience, collaborating closely with the founder and frontend engineers

Software Engineer Intern   June 2025 – August 2025
GAF   *Parsippany, NJ*
- Architected and deployed an AI-powered internal knowledge platform (Python, React) integrating LLM APIs to deliver real-time ERP insights across 200+ curated sources, scaling to support 4,000+ employees
- Designed and automated 60% of company-wide ERP workflows using Celonis Process Management, reducing reliance on external consultants and saving $100K–$200K in operational costs
- Led cross-functional requirements gathering with operations and IT stakeholders, translating business processes into optimized, standardized system workflows

Software Engineer Intern   July 2024 – August 2024
Aurobindo Pharma   *East Windsor, NJ*
- Led development of a full-stack data migration platform (React, Java, MySQL) to streamline enterprise data transfer and search operations across legacy systems
- Designed optimized SQL queries and indexing strategies, reducing average data retrieval time from 3–4 seconds to under 1 second
- Implemented advanced filtering (date-range and dynamic search) to enhance usability and reduce manual data lookup time

PROJECTS

Transcriptify | *Python, React, Flask, OpenAI Whisper, LLM APIs*
- Built full-stack transcription platform integrating OpenAI Whisper and LLM APIs to convert YouTube content into structured transcripts
- Designed scalable processing pipeline using yt-dlp and asynchronous backend workflows for reliable, real-time transcript generation
- Optimized API request handling and batching to improve processing efficiency and reduce latency

StockTracker | *Java, Spring Boot, React, MySQL*
- Engineered real-time financial dashboard using Spring Boot REST APIs and React to visualize live stock market data
- Integrated Finnhub API with MySQL backend, designing relational schema and indexing for efficient querying of time-series financial datasets
- Developed low-latency API endpoints enabling dynamic filtering and responsive frontend data visualization