

# ANUPAMA MISHRA

## FULL STACK DEVELOPER

Surat, Gujarat

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## EXPERIENCE (6+ Years)

### SUMMARY

Skilled and results-driven **Full Stack Software Professional** with over **6 years of experience** in developing, deploying, and maintaining **web-based multi-tier applications** and enterprise solutions. Proficient across the **full Software Development Life Cycle (SDLC)** with hands-on expertise in **JavaScript, React.JS, Next.JS, Node.JS, Express.JS, Python, Go and Fast API**. Adept in using modern frameworks, libraries, and tools such as **Redux, Styled Components, Bootstrap, and CI/CD Pipelines** to build scalable, responsive, and high-performing web applications. Demonstrates strong command over **API integration**, microservice architecture, and **real-time data-driven applications**. Experienced in deploying and managing solutions on **shared hosting environments, dedicated servers, and cloud infrastructures**. Recognized for **delivering technically complex projects on schedule**, maintaining code quality, and **adapting seamlessly to evolving business requirements** in dynamic, fast-paced environments.

### EDUCATION

**Bachelor of Computer Application V N S G U : CGPA: 8.0**

### ADDITIONAL INFORMATION

**Frontend:** React.JS, Angular, Next.JS, Redux, Builder.io, JavaScript, TypeScript, Bootstrap, Tailwind CSS, Vue.JS, Web3.JS, API Integration

**Backend:** Node.JS, Python, Go, Django, Express.JS, RESTful API, Fast API, GraphQL, AWS Lambda, GCP, OpenAI, LangChain, Hugging Face, TensorFlow, PyTorch

**Frameworks & Libraries:** React-Bootstrap, Material UI, Semantic UI, Chakra UI

**Databases:** MongoDB, MySQL, PostgreSQL, DynamoDB, Supabase, Firebase

**DevOps & Cloud Services:** Docker, CI/CD Pipelines, Azure, AWS (EC2, Lambda), Google Cloud Platform (GCP), Git, GitLab, Bitbucket

**Other Tools & Skills:** Web3, Data Structures & Algorithms, Debugging, Jira, Trello

### EXPERIENCE

**BitFront Infotech (Dec - 2019 to Present)**

### PROFESSIONAL EXPERIENCE

**Project:** AI-Powered Customer Support Chatbot

**Role:** Full Stack AI Developer

**Tech Stack:** React.JS, Node.JS, Express.JS, LangChain, OpenAI API, MongoDB, Tailwind CSS, AWS Lambda

**Project Overview:**

- Developed an intelligent AI-driven customer support chatbot capable of handling real-time conversations, dynamic intent recognition, and context retention. The chatbot leverages OpenAI's GPT API integrated through LangChain for enhanced conversational flow and memory management.

**Detailed Contributions:**

- Designed an interactive, real-time chat interface using React.JS and Tailwind CSS with socket-based streaming responses.
- Integrated LangChain to manage prompt templates, conversation memory, and contextual chaining.
- Built Node.JS APIs for query handling, user authentication, and chat session logging.
- Used MongoDB to store conversation history and fine-tuning data.
- Deployed backend on AWS Lambda and managed CI/CD pipelines for serverless operations.
- Improved response latency by 30% through optimized API orchestration.

**Project: Healthcare Prediction System**

**Role:** AI/ML & Backend Developer

**Technologies:** Python, Django REST Framework, Fast API, TensorFlow, Scikit-learn, React.JS, PostgreSQL, Docker

**Project Overview:**

- Developed a predictive analytics system that uses machine learning models to estimate disease likelihood based on patient data. The platform helps healthcare professionals in preventive diagnosis and treatment planning.

**Key Contributions:**

- Preprocessed and analyzed medical datasets using Pandas and Scikit-learn.
- Developed TensorFlow models for binary and multi-class classification problems (e.g., diabetes, cardiac risk).
- Integrated trained models with FastAPI and Django REST Framework for high-performance, real-time prediction APIs. Built a React.JS interface for patients and doctors to upload and visualize results.
- Stored and managed structured patient data using PostgreSQL.
- Containerized backend and ML components using Docker for reproducibility and deployment.

**Project: E-Commerce Management Dashboard**

**Role:** Full Stack Developer

**Technologies:** React.JS, Redux, Node.JS, Express.JS, MySQL, Bootstrap, AWS EC2, RESTful API

**Project Overview:**

- Created a scalable admin dashboard for managing e-commerce workflows including products, orders, customers, and analytics. The solution improved data visualization, performance monitoring, and automation for merchants.

**Key Contributions:**

- Built a modular front-end architecture using React.JS, Redux, and Bootstrap.
- Created secure REST APIs in Node.JS and Express for CRUD and reporting functions.
- Developed MySQL database schema for relational data handling and optimized SQL queries.
- Implemented JWT authentication and role-based access control for admin and vendor users.
- Integrated AWS S3 for product image storage and AWS EC2 for application deployment.
- Designed CI/CD pipelines using GitLab to automate code delivery.

## Project: Cloud Monitoring & Alerting System

**Role:** Backend & DevOps Developer

**Technologies:** Go (Golang), Gin Framework, Fast API, React.JS, PostgreSQL, Prometheus, Grafana, Docker, AWS EC2

### Project Overview:

- Engineered a performance monitoring platform to track infrastructure metrics, visualize analytics, and trigger real-time alerts for cloud services and applications.

### Key Contributions:

- Developed RESTful APIs in Go (Gin Framework) and FastAPI for efficient collection and management of system metrics.
- Integrated Prometheus for metrics scraping and Grafana for real-time visualization dashboards.
- Designed React.JS dashboards to display server performance (CPU, RAM, Network, Disk).
- Used PostgreSQL for structured data storage and query logging.
- Deployed containerized microservices using Docker on AWS EC2 instances.
- Configured alerting rules to send email and Slack notifications on threshold breaches.

## Project: Real-Time Collaboration Platform

**Role:** Full Stack Developer

**Technologies:** Next.JS, Node.JS, WebSockets, Fast API, MongoDB, Chakra UI, AWS S3

### Project Overview:

- Designed a real-time collaboration platform for teams to share files, chat, and co-edit documents simultaneously. The application supports user workspaces and version control with instant updates.

### Key Contributions:

- Implemented live data sync and notifications using WebSocket and Socket.IO.
- Built a scalable backend using Node.JS (for event-driven services) and FastAPI (for asynchronous REST endpoints).
- Integrated AWS S3 for real-time file sharing and storage.
- Built modular, responsive UIs using Chakra UI and Next.JS for server-side rendering.
- Applied access control lists (ACL) for secure collaboration between multiple user roles.
- Optimized WebSocket connections for high concurrency and reduced latency.

## Project: AI Document Summarization Tool

**Role:** AI/Backend Engineer

**Technologies:** Python, Flask, LangChain, Hugging Face Transformers, React.JS, Supabase, GCP

### Project Overview:

- Built an AI-powered web application to summarize research papers, articles, and lengthy documents using transformer-based NLP models (BART, T5). The system extracts essential information while preserving context.

### Key Contributions:

- Integrated Hugging Face transformer models for summarization and keyword extraction tasks.
- Used LangChain to orchestrate chain pipelines for multi-prompt reasoning.
- Developed Flask-based REST APIs for processing, model inference, and file management.
- Designed a React.JS interface supporting drag-and-drop PDF upload and result preview.
- Stored user data securely using Supabase.
- Deployed services to Google Cloud using Docker and managed continuous integration with GitHub Actions.

## Project: Crypto Portfolio Tracker

**Role:** Full Stack Developer

**Technologies:** React.JS, Node.JS, Web3.js, GraphQL, Firebase, Tailwind CSS

**Project Overview:**

- Developed a decentralized Web3-based crypto tracker allowing users to connect wallets, view balances, and monitor real-time coin prices and portfolio performance.

**Key Contributions:**

- Integrated blockchain APIs using Web3.js and Ethers.js for wallet and transaction data retrieval.
- Built GraphQL APIs for efficient, real-time crypto data querying and updates.
- Designed a modern and responsive dashboard UI using React.JS and Tailwind CSS.
- Implemented Firebase Authentication for user sign-in via email and wallet.
- Built live price update mechanisms using WebSocket and CoinGecko API.
- Optimized data caching to improve load speed and reduce redundant blockchain calls.

**Project: Intelligent Resume Builder**

**Role:** Full Stack Developer

**Technologies:** Next.JS, Node.JS, OpenAI API, DynamoDB, TypeScript, Material UI, AWS Lambda

**Project Overview:**

- Created a modern AI-powered resume generation platform that uses OpenAI GPT models to create, customize, and format resumes based on user input and target job roles.

**Key Contributions:**

- Integrated GPT API for dynamic content generation and grammar refinement.
- Designed step-based user interfaces with Next.JS and Material UI for seamless form interaction.
- Built Node.JS backend APIs for user session handling and data management.
- Stored structured user profiles in AWS DynamoDB.
- Configured serverless deployment using AWS Lambda for high availability.
- Added export features for PDF and DOCX resume formats.

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**ADDITIONAL EXPERIENCE**

- Team Work Experience
- Team Management
- Good Experience with communication
- Time Management