

Aditya Singh

Software Developer | C++ Programmer |
Fullstack-Developer

B.Tech (Information Technology)

Rajkiya Engineering College Ambedkar Nagar UP

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TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, Typescript, php

Developer Tools: VS Code, Git, GitHub, GitLab, IntelliJ IDEA

Frameworks: NodeJs, NestJS, ExpressJs, ReactJs, HTML/CSS, Web Scraping

Cloud/Databases: MongoDB, SQL, AWS, NGINX, REDIS

Soft Skills: Analytical Thinking, Leadership, Teamwork, Problem Solving, Adaptability, Time Management

Areas of Interest: Software Development, Web Development, Problem Solving

EDUCATION

• Rajkiya Engineering College Ambedkar Nagar UP

2019-23

B.Tech (Information Technology)

CGPA/Percentage: 7.92

• R J Y Inter College Bhathat Gorakhpur

2018

Intermediate(10+2)

Percentage: 82.40

• Jawahar Navodaya Vidyalaya, Maharajganj Uttar Pradesh

2016

High School

CGPA/Percentage: 9.2

WORK AND EXPERIENCE

• Bucle Labs Pvt. Ltd. Gurugram

10/2023 - 10/2024

Backend Developer

Gurugram, India

- * Implemented secure payment protocols and bank account tokenization services to safeguard financial transactions, ensuring the highest level of security for online transactions.
- * Developed multiple client projects, including two from scratch, in real-world environments.

• DevGenesis Pvt. Ltd. Lucknow

02/2023 - 09/2023

Backend Trainee

Lucknow, India

- * Engineered the backend for the LocalGyde app using Node.js, Socket.IO, Google Maps API, and MongoDB, optimizing database queries to achieve a 30 percent reduction in data retrieval times.

COMPANY & PERSONAL PROJECTS

• Mcardit-PG

10/2023 - 06/2024

NODEJS, NEXTJS, EXPRESSJS, TYPESCRIPT, SQL, AWS, PHP, HTML, CSS, WOOCOMMERCE

- * Tools & Services used: TinCheck, Socure, MX, ACHQ
- * Designed and implemented the backend architecture to support ACH payments directly from bank accounts, ensuring a seamless and efficient transaction process.
- * Integrated bank account tokenization for secure, direct payments, eliminating the need for intermediary wallets. Developed APIs to support real-time currency updates, multi-user logins, and currency selection.
- * Implemented 2048-bit encryption for all transactions, ensuring data security and compliance with payment industry standards. Facilitated payment gateway integration with vending machines using MX payment, enabling direct payments via mobile apps.
- * Optimized the backend for scalability and performance, ensuring a superfast user experience. Managed system integration and data flow between mobile apps, payment gateways, and backend services.

Project Link

• Telegram Automation and Campaigning In Any Group

06/2024 - 09/2024

NODEJS, NEXTJS, SQL, REDIS, TYPESCRIPT, REST API, AXIOS, AWS, SENDGRID-API, TELEGRAM-BOT

- * Tools & Technologies used: Node.js, NestJS, SQL, Redis, TypeScript, REST API, Axios, AWS, Telegram Bot API
- * Developed an automated solution using Telegram Bot as a client to implement features like automatic message sending, joining voice calls and groups via invitation links, enhancing campaign automation and efficiency.
- * Designed and developed well-architected APIs to ensure seamless data flow and synchronization across multiple platforms while maintaining robustness and reliability.

Project Link

ACHIEVEMENTS

- Solved 300+ algorithmic and coding problems across platforms like Hackerrank, GeeksForGeeks, Leetcode, InterviewBit.
- Participated in Hackathons: Job-A-Thons, Codegoda and demonstrating strong problem-solving and coding skills.