

ADITYA SINGH

Hyderabad, Telangana, India

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Summary

Software Engineer with expertise in fullstack development, proficiency in using LLMs. Graduated in 2023.

Skills / Certifications

Languages : Assembly, [C/C++](#), [JavaScript](#), Python, [TypeScript](#), Ruby, Java, [HTML](#), [CSS](#)

Databases : [MongoDB](#), [MySQL](#)

Libraries/Frameworks : Angular, [ReactJS](#), [NodeJS](#), [NestJS](#), [ExpressJS](#), [Fastify](#), Springboot, Ruby on Rails, Django, Flask, FastAPI, CUDA

Tools: [Git](#), Linux, [JIRA](#), [Postman](#), Jenkins, Sonarqube, [AWS](#), [Azure](#)

Others: AI/ML, GenAI, OOPs, System Design, Design Patterns, SDLC, [Data Structures](#), [Agile](#), Waterfall, Scrum, Kanban

Experiences

[EPAM Systems](#)

April 2024 – Present

Software Engineer

Hyderabad, Telangana

- Collaborated with the team to design and document the High-Level Design (HLD) for the project, outlining system architecture, key components, and data flow.
- Implemented centralized logging and error handling in NestJS to ensure consistent and reliable system behavior.
- Integrated BigCommerce REST and GraphQL APIs using Nest with Azure Functions for serverless backend workflows.
- Upgraded and rebuilt design system components from React 16 to 18, achieving a **20%** reduction in load times and improved support for modern features.
- Improved unit testing coverage across applications to **92%**, reducing bugs by **50%** and meeting project quality standards.

[Altizon Systems](#)

Jan 2023 – Mar 2024

Software Engineer

Pune, Maharashtra

- Developed the responsive productivity dashboards for data analysis using apex charts and tables, improving user engagement and reducing bounce rates by **25%**.
- Designed and implemented RESTful APIs in Ruby using aggregation functions, reducing data query time by 30% and enhancing backend efficiency.
- Identified and resolved over **50+ critical bugs**, improving application stability and user satisfaction.

Projects

[Multithreaded Kernel](#) | C / C++ / Assembly (Individual Project)

- Designed a multithreaded kernel with support for thread management and synchronization using C and Assembly.
- Optimized kernel performance with efficient scheduling algorithms and resource allocation.
- Automated build processes with Makefiles, ensuring seamless compilation and testing.

[UI Development Project \(Digital Factory X\)](#) | React (EPAM Systems)

- Upgraded the UI from the existing Material theme to a customized Materio theme and converted class components to functional components, improving design consistency and code readability followed by Single Responsibility principle.
- Enhanced performance through **lazy loading and pagination**, reducing load time by 35% for large datasets.

Achievements

- Microsoft Certified: Azure Administrator Associate
- AWS Certified Solutions Architect Associate
- LeetCode (Solved 500+)
- Google Cloud (Qwiklabs)
- Research Paper (AI/ML)
- Salesforce (Trailhead)

Education

[VIT, Pune](#), B.Tech, Electronics

May 2019 – May 2023

CGPA: 8.48, Courses: Object Oriented Programming, JavaScript, SQL, ReactJS, Machine Learning.

Pune, Maharashtra

Soft Skills

- Teamwork
- Resilience
- Communication
- Problem Solving
- Leadership