

Arpit Kumar Singh | Full Stack Software Developer

notarpit.com

karpithere@gmail.com | (209)414-0248 | github.com/ArpitKrSingh | linkedin.com/in/karpit | Sunnyvale, CA 94035

Graduated in May '24 and am actively seeking full-stack software developer positions to leverage my 2+ years of experience and expertise in cutting-edge technologies.

EDUCATION

University Of The Pacific, Stockton, CA

Master of Computer Science

Guru Gobind Singh Indraprastha University, Delhi, India

Bachelor of Technology in Computer Science Engineering

SKILLS

Languages : Python, Java, GoLang, C++, JavaScript/TypeScript, SQL, HTML/CSS

Frameworks : Angular, React, gRPC, Android(XML,Java), React-Native, Django

Other : Git, Docker, Postman, Jest, AWS, Cypress

Work Experience

Software Engineer, Quixy, Hyderabad, India

Jun 2021 – Jul 2022

- Diagnosed and resolved recurring **software bugs**, **reducing error rates by 50%** and improving application stability through efficient debugging and **error tracking**.
- Enhanced backend performance by optimizing **Node.js** algorithms and database queries in **PostgreSQL**, **accelerating data processing speeds by 35%**.
- Led code refactoring initiatives boost **code readability** and maintainability ensuring scalability and **faster onboarding for new developers**.
- Delivered technical support and troubleshooting expertise to client teams, **reducing downtime by efficiently resolving complex**, time-sensitive issues.

Full Stack Developer, Altudo, Gurgaon, India

Apr 2020 - May 2021

- Developed and scaled a high-traffic e-commerce application using **React**, **Node.js**, and **MongoDB**, delivering seamless user experience across desktop and mobile platforms for over **1,000 daily users**.
- Designed and implemented **RESTful APIs** to improve data communication efficiency between client and server, achieving a **30% reduction in page load times** and enhancing platform responsiveness.
- Integrated **JSON Web Tokens(JWT)** for secure user authentication, fortifying applications, and preventing unauthorized access to sensitive user data.
- Led front-end development of key user-facing features, **optimizing the UI/UX** with mobile responsiveness that **increased user retention by 15%**.

PROJECTS

Real-Time Collaboration Platform for Remote Teams: Built a responsive front-end with **React** and **Socket.IO** for real-time messaging and notifications, delivering seamless user interactions. Designed a scalable **Node.js** and **Express** backend with **MongoDB** and **Redis** caching, reducing data retrieval times by 30%. Secured user access with **JWT-based authentication** and automated testing using **Jest** and **Cypress**, achieving 99.9% uptime and reliable high-load performance.

E-Commerce Analytics Dashboard : Created interactive data visualizations with **React** and **Chart.js** to display sales trends and inventory status in real-time. Optimized **PostgreSQL** queries and implemented Redis caching for high-demand data, reducing query times by 35%. Secured data access using **JWT authentication** and automated ETL processes for near **real-time data updates**, enabling timely business insights.