Chirag Singla

SOFTWARE ENGINEER

Haryana, India

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Projects

Get Business
Live

OPERATING SYSTEM FOR YOUR ONLINE BUSINESS
June. 2025 - Ongoing

- Deployed a multi-service architecture using Amazon EC2, RDS, ElastiCache, ECS, ECR, and Application Load Balancer, ensuring scalability and modularity
- Optimized cloud resources to operate at under 1/month under the AWS Free Tier by leveraging right-sizing, reserved free allocations, and efficient service orchestration
- Integrated Cloudflare Proxy and R2 Object Storage for improved security, and cost-effective static asset delivery
- Developing a platform that helps you launch your ecommerce store in seconds.
- Smart inventory management tool to help you manage your stock.

Animeflix
Github

NEXTJS SITE FOR DISCOVERING AND STREAMING ANIMES
Aug. 2022

- Designed a delightful user interface and UX using TailwindCSS
- Containerized the application for one-click deployments and ensuring consistency across various environments.
- Developed custom React hooks for responsive web pages and content fetching
- Implemented a custom designed VideoPlayer for supporting HLS streams and responsive design

Setup-ccache
Github Marketplace

SPEED UP YOUR C++/C CI WORKFLOW
October. 2021

- Sets up and installs CCache in your CI environment
- Automated caching and restoration of build artifacts, significantly speeding up C++/C CI workflows.
- Ensured cross-platform compatibility by supporting Linux, Windows, and macOS environments.

Open Source

Fast and minimalist C++ 3D viewer.
Github

F3D
January. 2024

- Debugged legacy issues in WIN32, improving performance and preventing crashes.
- Implement quality of life features and ui improvements in WIN32
- Creating documentation website with landing page using React

Poem Framework
Github

POEM OPENAPI
January. 2024

- Improved OpenAPI support in the framework.
- Implemented Derive Macros to improve developer experience.

Experience

Zivastar Private Limited
India

SOFTWARE DEVELOPER
July, 2024

- Designed and developed a cross-platform e-commerce application using Shopify, Firebase and React Native.
- Implemented memberships for customers with membership based perks.
- Integrated AI-powered "clothing try-on" functionality, enhancing user experience and boosting customer engagement.
- Utilized Firebase for real-time data synchronization and secure user authentication.
- Handled all aspects of the project as the sole developer, from initial planning to final implementation and testing.
- Managed the end-to-end process of launching the app on Google Play Store and Apple App Store, ensuring compliance with platform guidelines and successful approvals.

Anika Retail
India

CONSULTANT
January, 2025 - July, 2025

- Superheading the transition of a local store to an online business model, leveraging e-commerce platforms to increase reach and sales.
- Managing multiple sales channels, including online marketplaces, social media platforms, and direct sales.

Skills

Coding Languages	Javascript, Typescript, Python, C++, Rust
Technical Skills	AWS, Firebase, React.js, Linux, Nginx, Postgresql, Docker, CMake

Education

Bharti Vidyapeeth's College of Engineering *New Delhi*

BTech ECE *2024 - 2028*

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Bharti Vidyapeeth's College of Engineering *New Delhi*