Nikit

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SUMMARY

Languages: C, C++11, Golang, Typescript, Javascript, Python, Java, SQL, HTML/CSS

Tools and Frameworks: Kafka, Docker, GraphQL, Node.js, React.js, Next.js, Tailwind CSS, MongoDB, PostgreSQL, Debezium, Bazel, Git, Gdb, Neovim, Tmux, I3wm, Linux, AWS

EXPERIENCE

Trademarkia   May 2023 - July 2023
Frontend Intern
- Revamped the company's website with Next.js, enhancing user experience and site performance.
- Built reusable and responsive React components and fixed bugs discovered by the QA team.

PlyPicker   February 2022 - May 2022
Full Stack Developer
- Designed and implemented a REST API using Node.js and MongoDB for an e-commerce site from scratch.
- Built scrapers to scrape products using puppeteer library.
- Integrated the Razorpay payment gateway and the backend API in the React.js based frontend.

PROJECTS

Smark | *React.js, Typescript, Golang, MongoDB, Redux Toolkit, Tailwind CSS*
- Developed a Chrome extension and web app that allows users to effortlessly manage and share their bookmarks.
- Utilized CQRS pattern and eventsourcing architecture allowing offline management of bookmarks and easy batching of write and update operations.
- Link: Smark

Showoff | *Golang, Node.js, Typescript, Kafka, Debezium, Docker, MongoDB, PostgreSQL, Next.js, Tailwind CSS*
- Developed a platform where users can showcase their projects and find ideas for their next one.
- Built multiple micro-services utilizing different languages & databases that stay eventually consistent through event streaming.
- Link: Showoff

Campus Career Connect | *Java, Servlets, JSP, Tailwind CSS, PostgreSQL, Docker, Maven*
- Developed a user-friendly web-based application that streamlined the placement process for educational institutions,
- Built the REST API using Jakarta Http Servlets & PostgreSQL and frontend using JSP & Tailwind CSS.
- Link: Campus Career Connect

Nord | *Golang*
- Developed a distributed key value store based on Riak's bitcask paper.
- Implemented the bitcask engine from scratch and used Raft consensus algorithm making it relatively more fault tolerant.
- Link: Nord

Whimsia & Soka | *C++, Raylib, Bazel, Rust*
- Whimsia: Developed an interpreter in C++ and utilized Raylib for graphics programming and implemented a ping-pong game in it.
- Soka: Developed a compiler in Rust which compiles the source code to x86-64 assembly and implemented a Tcp server and terminal based Conway's game of life in it.
- Link: Whimsia, Soka

EDUCATION

Vellore Institute of Technology   Bhopal, India
B.Tech in Computer Science and Engineering; GPA: 8.83   *September 2020 – July 2024*

MPV PU College   Mysuru, India
Higher Secondary; Percentage: 90.16   *April 2019 – July 2020*