T S AJEET

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WORK EXPERIENCE

Technology Analyst @ Citi   *July 2023 - Present*

Tech: Angular, Python, Node

- Built the Policies Portal UI from the ground up, enabling 10000+ Citi employees to manage policy breaches, waivers and dispensations.
- Designed and developed reusable custom UI components, such as Single Item Transfer, achieving an 80% reduction in development time for new features.
- Spearheaded the Smart Policy Search UI, empowering Citi employees to search across 1,000+ policies with advanced filtering, sorting, and custom policy group features, significantly enhancing user experience.
- Implemented a modular architecture with lazy-loaded feature modules, reducing initial bundle size and improving First Contentful Paint (FCP) by 25%.
- Secured a Gold award at the Citi India Hackathon 2024 for innovative contributions in fintech open-source projects.
- Earned a Bronze award in 2023 from Senior Leadership Team for demonstrating exceptional ownership and ensuring timely project delivery.

Technology Analyst Intern @ Citi   *May 2022 – July 2022*

Tech: Angular

- Shaped a minimalist Angular dashboard, streamlining the management of 100+ Oracle-hosted databases.
- Enhanced data clarity and actionable insights by 40% through the integration of interactive charts and data tables.
- Secured a Pre-Placement Offer (PPO) by consistently exceeding expectations and delivering high-quality results during the internship.

Backend Developer Intern @ Finllect   *Dec 2020 – Feb 2021*

Tech: Node, Express, MongoDB, AWS

- Redesigned systems for user, budget and coupon management modules completing delivery within 2 months.
- Improved essential backend components, including aggregator, gateway, and notification services, to support seamless system functionality and integration.
- Piloted a widely adopted Slack bot for real-time activity notifications, improving team communication.

PROJECTS

Form Factory *(site)*

Tech: Next, Typescript, Tailwind CSS, Shadcn, MagicUI, Zustand, React Hook Form, React DND

- Built a dynamic form builder application with a drag-and-drop interface using Next.js, enabling users to effortlessly create and share customizable forms. Integrated real-time form previews and integrated state management with Zustand, ensuring a seamless and responsive user experience.

Market *(github)*

Tech: Node, Express, Prisma, Supabase

- Designed and implemented a scalable e-commerce backend with a microservices architecture to enhance modularity and maintainability. Optimized inter-service communication using gRPC, reducing data transfer latency by 40% compared to REST-based systems.

FDC3 FinOS (open-source) *(github)*

Tech: Node, Express, Typescript, Next, Tailwind CSS, FDC3 Standard

- Spurred an FDC3-compliant AppD reference implementation, empowering organizations to self-host and integrate seamlessly within their ecosystems. Incorporated plugin features such as static domain configuration, role-based access control (RBAC) for route security, and namespace identification to streamline resource management.

SKILLS

Proficient: C++, Javascript, Typescript, Angular, React, Node, Express, Git

Familiar: Python, Java, Bash, Next, FastAPI, MongoDB, MySQL, Linux, Git, Docker, Jenkins, AWS

EDUCATION

National Institute of Technology, Trichy (NIT-T) | CGPA: 8.64   *Aug 2019 – May 2023*

- Major: B. Tech in Production Engineering, First Class with Distinction.
- Professionally trained and played for the university football team NIT Trichy FC.
- Built and maintained internal tools at Delta Force NIT Trichy as a full-stack developer.