ABRAHAM V GEORGE

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Education

Manipal University Jaipur   **2021 – Present**
Bachelor of Technology in Computer Science — CGPA : 9.12   *Jaipur, Rajasthan*

Experience

Giesecke + Devrient   **Jun 2023 – Aug 2023**
Front End Dev Intern | C#, Blazor, Javascript, Bootstrap 5, Git   *Gurugram*

- Using C# and Blazor, developed a tool to analyze the memory consumption of machines in use by banks, complete with interactive Plotly charts.
- Utilized Figma to design software screens and menu icons, ensuring a polished user interface.
- Leveraged Blazor, SCSS, and JavaScript to enhance user experience through seamless animations.
- Contributed to the optimization of design and code (more than 10+ screens), resulting in improved performance and responsive screens.

MUJ NMS   **Mar 2024 – April 2024**
Lead Front End Developer | React.Js, Tailwind, Figma, Git, Node.js   *Remote*

- Utilizing React, created a portal for notesheet management, wherein faculty members of our college can add, edit, revert a notesheet. It also consists of timeline where users can see where the notesheet is currently at, and the status notesheet
- Created a private channel, where users can send messages to any other user to get their comments on the particular notesheet.
- Contributed in enhancing the UI/UX to create an intuitive interface and seamless navigation experience for new users.
- Employed best practices in web development (caching, context management, etc:-) to ensure optimal performance and accessibility.

Philips   **Jul 2024 – Present**
DevOps Intern | Bash, Powershell, Python, Typescript, C#, Github Actions, Git   *Bangalore*

- Built a CLI-based synchronization tool to replicate bugs between server instances, eliminating manual replication.
- Extended an open-source uptime monitor to develop a directory health monitor that provided real-time status pages and alerts for directories that are full, empty, etc.
- Automated SBOM uploads to Cybeats, streamlining vulnerability monitoring and management processes in production.

Projects

Decentralised Petiton System | *React.Js, Tailwind, Node.Js, Tezos API*   **Sept 2022**

- Built a decentralized petition system on the Tezos blockchain, using React.JS, Tailwind, and Tezos API, aligning with the latest technological trends.
- Enable wallet integration with the Tezos blockchain, facilitating secure transactions and petition storage on the blockchain.

Home Network Attached Storage (NAS) | *Linux, Docker*   **Jun 2025**

- Built a NAS server using OpenMediaVault (Debian-based) with VPN (TailScale) for remote access.
- Configured and managed cron jobs for SnapRAID backups, ensuring data integrity and reducing manual backup time by 25%, while integrating Wake-on-LAN for seamless and automatic server wakening..
- Implemented a file browser for improved UI to view, edit, upload, or delete server data.

Technical Skills

Languages: JavaScript, Python, C, Java, SQL, C#, Shell Scripting (Bash — Powershell)
Frontend: Typescript, React.Js, Next.Js, Tailwind, React Query
Backend: Node.Js, Prisma, REST API, MongoDB, PostgreSQL, MySQL
Tools: Git, Github, Figma, Photoshop, AWS, Docker, Jenkins, Github Actions

Leadership

Aperture   **May 2023 – May 2024**
Head of Design   *Manipal University Jaipur*

- Chaired the board of core members to represent and lead the official digital arts society of the college.
- Conducted workshops to promote and teach designing, emphasizing on tool-agnostic approaches.

Achievements

Hackathons Won 2 hackathons conducted by Tezos and MUJ ACM.

Dean's List of Academics Awarded the Dean's List of Excellance 3 times for outstanding academic performance.