Kapil Thaman | Software Developer

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https://kapil-profile.netlify.app/

Industry Experience

CS Soft Solutions, India (Remote, Full time) - *Software Engineer*   **Jan 2020 - Present**

- Developed the Medico app using Node.js, React.js, TypeScript, MySQL, and MongoDB, enhancing patient-doctor interactions with 30% faster data retrieval.
- Led a WebRTC-based video calling project, implementing features like mute and video hiding, which enhanced user interaction by 40%.
- Achieved a 30% reduction in deployment time by establishing CI/CD pipelines with Jenkins and GitHub Actions.
- Implemented CRUD and authentication through **RESTful APIs** with **Node.js, Express.js,** and **Swagger**.
- Converted React components from **JavaScript** to **TypeScript**, enhancing code maintainability and type safety.
- Improved data retrieval speed by 50% by integrating **Redis** into a **MySQL** database design for faster and more reliable data storage.
- Conducted user research to discover user needs and to inform design decisions.
- Collaborated with teams using **JIRA** and **Confluence** in an **Agile** environment.
- Worked with **AWS (S3, EC2, Lambda), Docker,** and **Kubernetes** to build and manage scalable cloud applications.

Freelancing, Canada (Remote, Part time) - *Software Developer*   **July 2022 - 2023**

- Built Medico, **React Native app** connecting patients to doctors for virtual consultations.
- Developed Farmigo, a **React.js**-based web app for farmers to sell organic food online.
- Implemented **CI/CD pipelines** with **Git**, and **AWS**, ensuring smooth application deployments.

Skills

- **Frameworks & Libraries:** React.js, Node.js, Express.js, GraphQL, WebRTC
- **Languages:** TypeScript, JavaScript, Java
- **Databases:** MySQL, MongoDB, Redis
- **Software Development:** Object-Oriented Design, RESTful APIs, CI/CD pipelines.
- **Tools:** Git, Jira, Postman, Docker, SQL, Playwright, Jtest
- **Cloud Providers:** AWS (S3, EC2, Lambda), Microsoft Azure

Education

Langara College, Vancouver   **May 2021 - April 2023**
Post Degree Diploma in Web and Mobile Development

Chandigarh Engineering College   **July 2016 - May 2020**
Bachelor Of Technology, Computer Science And Engineering