Hardik Sachan

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WORK EXPERIENCE

Software Development Engineer 2   - Calance Software Pvt. Ltd.   June 2023 - Present
- Architected analytical reporting solutions using Azure Synapse and Power BI for healthcare applications
- Orchestrated AWS infrastructure deployment through CloudFormation templates, ensuring adherence to HIPAA and SOC2 compliance standards
- Crafted responsive hospital management interface with React.js, created functional testing frameworks with Playwright, and contributed to Python-based microservices using FastAPI
- Designed and integrated a unified payment processing system in Node.js, streamlining multiple gateway interactions through a cohesive user interface

Software Engineer Intern   - Calance Software Pvt. Ltd.   Jan 2023 - May 2023
- Developed two in-house applications leveraging Node, React, and Express for internal HRMS
- Optimized build workflow efficiency by incorporating build-time environment variables and engineered a custom GitHub Action
- Implemented a robust data synchronization feature for a PHP Symfony framework timesheet application

Software Development Engineer Intern   - PARTH   June 2022 - July 2022
- Engineered a web app for freelancer management featuring a rich text editor using Angular 13
- Constructed a backend ecosystem for dashboard functionality and content delivery leveraging Node.js, MongoDB, MySQL, Redis, and Firebase technologies

PROJECTS

TicketShare   - Microservice based full stack app   [Source Code](#)
- Developed a web platform enabling users to purchase and sell tickets utilizing Next.js
- Constructed a backend infrastructure using Node.js, Express, and TypeScript, incorporating MongoDB and Redis databases, while orchestrating containerized microservices through Docker and Kubernetes

React Super Chat   - Real-time Chat App   [Demo](#) - [Source Code](#)
- Built a real-time chat platform using React and Firebase for both group and private messaging
- Fortified chat security through implementation of Common Expression Language (CEL) in Firebase, ensuring data privacy and integrity

EDUCATION

July 2019 - May 2023	B.Tech. at **National Institute of Technology, Delhi**	(CGPA: 7.7/10)
2019	Class 12th at **Creative Convent College**	
2017	Class 10th at **Creative Convent College**	

SKILLS

Programming Languages	C/C++, Javascript, TypeScript, Python, HTML, CSS, SQL
Frameworks and Libraries	ReactJS, NextJS, Angular, NodeJS, ExpressJS, NestJS, FastAPI, Playwright, Firebase, Symfony
Other tools	AWS, Azure, Git, Github, Docker, Kubernetes