Parjanya Hemantkumar Modi

3+ years of work experience in Tech enabled startup Bullspree, Ankercloud, CRED, Tejas Technological Co.

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TECHNICAL SKILLS

Frontend:- *reactJS, nextJS - 13 & 14, Bootstrap, Tailwind CSS, nextUI, shadcn/ui, styled components, Ant Design, neopop by CRED*
Backend:- *nodeJS, expressJS, Python*
Cloud:- *AWS, Azure GCP, Linode, & Digital Ocean*
Storage & DB:- *MongoDB, Clickhouse Apache Redis, MySQL, PostgreSQL, S3, Firebase & Firestore, Cassandra, Hadoop*
Tools:- *NGINX, Cloudflare DNS & Proxies, Network Load Balancing, AWS Elastic Load Balancing, Jenkins, GitHub Actions, Ansible, OpenSSL, PM2, OpenSSH, Docker, AWS Cloudformation, NewRelic, Git, Husky, ESLint, pritunl, JIRA, Confluence, AWS IAM Identity Center (SSO)*

PROFESSIONAL EXPERIENCE

Product Manager, Tejas Technology Co. - *Remote* | **August '23 - Present**
- Directed deployment of microservice-oriented architecture for SAKSHAM, with integration of Role-Based Access Control (RBAC) and advanced email services.
- Championed microservices design best practices and spearheaded scalable infrastructure development using Infrastructure as Code (IaC) tools.
- Facilitated strategic stakeholder engagement for effective communication and efficient requirement gathering.
- Designed AWS hosting solution, focusing on reliability and performance optimization.
- Advocated for the adoption of cutting-edge technologies and adherence to industry-leading practices.
- Pioneered product business model development, including comprehensive market-fit analysis.
- Conducted marketing and sales initiatives in collaboration with external advisors and industry experts.

Lead SWE, Tejas Technology Co. - *Remote* | **August '22 - August '23**
- Spearheaded comprehensive development and management of infrastructure for a variety of ERP systems, leveraging remote collaboration.
- Developed dynamic user interfaces employing a wide range of technologies.
- Tailored ERP systems to the specific needs of educational institutions, manufacturing firms, and NGOs, catering to their distinctive workflow requirements.
- Employed Infrastructure as Code (IaC) tools, such as CloudFormation, for the provisioning of scalable and dependable infrastructure, integrated with Jenkins, Docker, Grafana, and Prometheus for continuous integration/delivery and monitoring.
- Actively engaged with clients for requirement gathering and maintained effective communication throughout the project lifecycle.
- Worked in tandem with cross-functional teams, playing a pivotal role in the success of projects within a remote work environment.

Intern - SRE Security, CRED - *Bengaluru* | **February '23 - August '23**
- Implemented role-based access control for federated entities, bolstering security and access governance across the organization.
- Drove the adoption of the ClickHouse database, enhancing scalable data querying and achieving high availability for VPC flow log management.
- Crafted automation solutions for daily VPN configuration backups, IAM policy auto-retraction, and S3 database transfers, significantly improving operational efficiencies.
- Engineered a proprietary vulnerability management tool integrated with Slack, fortifying infrastructure security and facilitating immediate vulnerability alerts.
- Utilized a suite of technologies including IAM roles and users, AWS Secrets Manager, AWS Systems Manager, VPC, AWS Route53, SQS, and Pritunl VPN for advanced infrastructure oversight.

Intern - DevOps Engineer, Ankercloud - *Bengaluru* | **October '22 - December '22**
- Established and managed CI/CD pipelines for testing environments, alongside the deployment and maintenance of EC2 instances and databases.
- Contributed to a project focused on designing cloud architecture for a scalable product.
- Engaged with a technology suite including VPC, AWS ELB (NLB & ALB), AWS EC2, Jenkins, Maven, MongoDB, Docker, and Kubernetes.

Team Lead & SDE, Prathibhotsava - 21st VTU Youth Festival - *Bengaluru* **| May '22 – Sep '22**
- Assigned the design of engaging and efficient software solutions for the registration management of more than 40,000 individuals across Karnataka.
- Significantly contributed to the design, implementation, and continuous upkeep of critical software infrastructure hosted on the cloud.
- Distinguished by the web application's capacity to adeptly handle over 1.6 million requests in a 45-day period.

Freelancer - *Multiple Locations & Remote* **| Oct '19 – Present**
- Instituted enterprise-scale networking infrastructures, managed Linux servers, and executed network configurations employing Cisco/TP-Link L2 & L3 Switches along with VPN routers.
- Engineered responsive websites and web applications utilizing HTML, JS, and CSS within LAMP and MERN stacks.

Technical Head, IUCEE Student Chapter of BMSCE - *Bengaluru* **| Oct '19 – Jun '22**
- Developed, maintained, and enhanced the official website for the BMS College of Engineering's Indo-Universal Collaboration for Engineering Education Student Chapter.
- Contributed to the organization's mission to augment the relevance of engineering education through strengthening the linkage between academic environments and the industrial sector.

Web Dev & IT Support Intern, Bullspree - *Remote* **| Apr '21 – Jul '21**
- ***Add-on Tech Stack:*** *PHP, Apache Tomcat, OpenSSL.*
- Engineered various websites, web applications, and API endpoints for both internal and external purposes, catering to the requirements of diverse stakeholders.

PROJECTS

PasteCloak: Privacy-Focused Data Sharing - *Version 1 under progress*
- ▪ PasteCloak is an open-source project enabling users to securely share sensitive information. Users input text, and receive a unique link, and only those with the link can access the shared data. Prioritizing privacy, the platform remains unaware of the original data, making it ideal for confidential text sharing and collaborative editing. Contributions are welcome on GitHub.

Website & API Upchecker - *Major changes planned but not scheduled*
- ▪ ***Add-on Tech Stack:*** *Chromium APIs, Puppeteer.*
- ▪ I have developed and implemented a web application that monitors the vital performance metrics of websites and API endpoints, which enables developers and users to monitor the functionality of their services. The users are also notified in the event of unexpected deviation of metrics from set standards.

College-Student Relations ERP System - *Deprecated*
- ▪ ***Add-on Tech Stack:*** *WebSocket Implementation - Socket.io, Google Sheets APIs.*
- ▪ Played a key role in the team that designed and developed Enterprise Resource Planning software that can be primarily used by higher education institutions. This software enables student-proctor interaction, fast data retrieval and seamless integration. This reduces the burden of maintaining different data genres for the institution and converts it into a hassle-free process.

Certitude App
- ▪ ***Add-on Tech Stack:*** *Tkinter GUI, Pillow & Pandas.*
- ▪ I with one more collaborator coded and implemented this desktop program to entirely automate certifying the winners and participants in events hosted by my college. Based on personalised templates and relevant data, the Certitude App automates the procedures of certificate generation, segregation, and email to the appropriate participant or winner. With this software, organisations may now certify their participants and winners in a matter of seconds rather than hours.

EDUCATION

B.E. - Computer Science & Engg., B.M.S College of Engineering - *Bengaluru* **| 2019 – 2023**

LICENSES & CERTIFICATION

- Technical Support Fundamentals, Google - *Coursera* **| July '20**
- Cyber Security Foundation Professional Certificate - CSFPC - *CertiProf* **| April '21**
- **NSE-1 Network Security Associate, FortiNet** - *NSE Institute* **| April '20**
- **NSE-2 Network Security Associate, FortiNet** - *NSE Institute* **| April '20**