Parjanya Hemantkumar Modi

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

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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)

Product Owner, Tejas Technology Co. - *Remote* **| August '23 - Present**
- Led microservice-based architecture implementation for SAKSHAM, incorporating RBAC and robust mailing services.
- Advocated best practices in microservices design and implemented scalable infrastructure using IaC tools.
- Engaged with stakeholders for effective communication and requirement gathering.
- Architected hosting on AWS, ensuring reliability and performance.
- Promoted the adoption of emerging technologies and industry best practices.

Lead SWE, Tejas Technology Co. - *Remote* **| August '22 - August '23**
- Led end-to-end development and infrastructure management for diverse ERP systems in remote collaboration.
- Engineered dynamic user interfaces using plethora of technologies.
- Customized ERP systems for educational institutes, manufacturing companies, and NGOs, addressing unique workflow requirements.
- Utilized Infrastructure as Code (IaC) tools like Cloudformation for scalable and reliable infrastructure provisioning in integration with Jenkins, Dockers, Grafana and Prometheus for CI/CD and monitoring.
- Proactively engaged with clients to gather requirements and ensure effective communication throughout projects.
- Collaborated with cross-functional teams, contributing to the success of projects in a remote work setting.

Intern - SRE Security, CRED - *Bengaluru* **| February '23 - August '23**
- Orchestrated role-based access for federated users and services, enhancing security and access control across all organizational verticals.
- Spearheaded the adoption of ClickHouse database, enabling scalable querying capabilities and establishing a highly available system for VPC flow logs.
- Developed automation tools, including Daily VPN config Backup, IAM policy auto-revocation, and S3 to DB migration, significantly boosting operational productivity.
- Engineered an in-house vulnerability eliminator integrated with Slack, safeguarding infrastructure against security group loopholes and providing real-time notifications.
- Extensively utilized IAM roles and users, AWS Secrets Manager, AWS Systems Manager, VPC, AWS Route53, SQS, and Pritunl VPN technology stacks.

Intern - DevOps Engineer, Ankercloud - *Bengaluru* **| October '22 - December '22**
- My key responsibilities included setting up CI/CD pipelines for test environments, deploying, and maintaining ec2 instances and databases. I was a part of a project that included designing cloud architecture for a highly scalable product.
- Worked with VPC, AWS ELB (NLB & ALB), AWS EC2, Jenkins, Maven, MongoDB, Dockers and Kubernetes.

Team Lead & SDE, Prathibhotsava - 21st VTU Youth Festival - *Bengaluru* **| May '22 – Sep '22**
- My key responsibilities included designing aesthetic and efficient software solutions to address the registration process of more than 40,000 people across Karnataka. I was instrumental in designing, deploying and maintaining the requisite software infrastructure on the cloud. It is noteworthy that this web software successfully handled more than 1.6 Million requests in 45 days.

Freelancer - *Multiple Locations & Remote* **| Oct '19 – Present**
- Established enterprise-level networks, worked with Linux servers, and configured networks using Cisco/TP-Link L2 & L3 Switch and VPN Routers.
- Developed responsive websites and web apps. Worked with HTML, JS & CSS with LAMP & MERN Stack.

Technical Head, IUCEE Student Chapter of BMSCE - *Bengaluru* **| Oct '19 – Jun '22**
- I developed, maintained and upgraded the official website for the Indo-Universal Collaboration for Engineering Education Student Chapter of BMSCE. This organisation actively makes engineering education more relevant by bridging the gap between academia and industry.

Web Dev & IT Support Intern, Bullspree - *Remote* **| Apr '21 – Jul '21**
- *Add-on Tech Stack: PHP, Apache Tomcat, OpenSSL.*
- I developed multiple websites, web apps and API Endpoints for internal and public usage. Fulfilled the needs of different stakeholders involved directly or indirectly.

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, 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.*
- Me 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

- **Intel® Network Academy - Network Transformation 102**, **Intel -** *Coursera* **| August '20**
- **Technical Support Fundamentals, Google** - *Coursera* **| July '20**
- **Cyber Security Foundation Professional Certificate - CSFPC -** *CertiProf* **| April '21**
- **Remote Work Professional Certification - RWPC** - *CertiProf* **| April '21**
- **NSE-1 Network Security Associate, FortiNet** - *NSE Institute* **| April '20**
- **NSE-2 Network Security Associate, FortiNet** - *NSE Institute* **| April '20**