Prakash Upadhyay

Full Stack Engineer - **9 Years**

github.com/upadhyayprakash

+91 8861006191
prakash.upadhyay93@yahoo.com
linkedin.com/in/upadhyayprakash
Mumbai, India

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*I envision and believe in **usable apps** that scale. Primary tech-stack: **MERN** and **Cloud-native** techs. I've built analytics dashboards, complex video streaming web app, an incident management system and e-2-e payment flows. I like hackathons and believe in team innovation.*

WORK EXPERIENCES

Gojek **Sr Full Stack Developer** | May 2022- Present

- Revamped GoPay payments Web app handling **5.6 million** transaction/day
- Reduced API latency from **300ms to 63ms** on average.
- Built **OnePin** 2FA system to reduce SMS OTP costs.
- **Tech stack:** ReactJS, Java, AWS, Istio, GitLab, CI/CD.

PayTM Insider **Sr Full Stack Developer** | Apr 2021 - Apr 2022

- Built highly scalable live video platform for virtual events.
- Supported **50+ concurrent** hosts and 3K+ viewers.
- Implemented video layout engine for dynamic video tile rendering.
- **Tech stack:** ReactJS, 100ms, Akamai CDN.

InkersAI **Fullstack Developer** | Apr 2019 - May 2020

- Created retail analytics dashboard using computer vision AI.
- Tracked real-time customer engagement and dwell times.
- Delivered real-time heat map and periodic reports.
- **Tech stack:** React, NodeJS, VisionAI models, Docker.

SAP Labs (ICN ML Team) **Software Developer** | Dec 2017 - June 2018

- Worked on ML model management and training pipelines.
- REST APIs for ML model life-cycle management, CLI for the REST APIs(GoLang).
- Deliverables: Image Annotation Tool(RequireJS), Gas Meter Reading Model, Apparel Detection
- **Tech stack:** RequireJS, Java, Python, S3, EC2

CERTIFICATION

- Learning Kubernetes by Kim Schlesinger (LinkedIn)
- Vision AI Externship (InkersAI)

SKILLS

JavaScript, TypeScript, PHP, Python

ReactJS, NextJS, CSR/SSR

NodeJS/NestJS

MongoDB, PostgreSQL, ElasticSearch, Redis

Docker, Kubernetes, AWS

Git, Jira, Figma

PATENT & AWARDS

Voice-enabled User Interface Framework **(USPTO: 10936288)** 03/2021

SAP Global IoT Challenge'16 **WINNER in Logistics** 09/2016

SudoCode 3.0 **WINNER** 06/2016

CodeForCharity 2.0 - **WINNER** 05/2016

EDUCATION

B.E in Computer Science

Vivekanand Education Society's Institute of Technology
2010 - 2014

LANGUAGES

English (Professional)
Hindi (Native)

INTERESTS

Teaching / Mentoring
Fitness

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https://upadhyayprakash.github.io