



VED CHITNIS

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OBJECTIVE

Experienced Software Engineer with 4+ years in designing, developing, and maintaining robust platforms. Seeking a dynamic engineering role to utilize skills, learn, and make an impact.

EXPERIENCE

Full-Stack Cloud Developer

Cisco Systems - TPSCRM

Feb 2020 - Present

Bengaluru, India

- Reduced monthly AWS costs by over \$2000 per environment by streamlining platform architecture.
- Achieved performance gains of over 90% in data lake querying by redesigning the backend service.
- Increased throughput from 5req/s to 70req/s by rewriting a legacy aliasing system with optimized architecture.
- Empowered 10,000+ business units globally by building an automated SBOM standardization service compliant with SPDX2.0.
- Supported 2,000+ users and 25,000+ compliance transactions annually by launching the Commercial Component Engine platform.
- Improved identity security by migrating the IDP from Ping to DUO, redesigning the identity management system.
- Reduced ticket resolution time by 60% (from 5 hours to under 2 hours) by creating a support chatbot.

Machine Learning Intern

IDFY

Apr 2019 - Aug 2019

Mumbai, India

- Enhanced document authentication accuracy to 89%, boosting fraud detection by 17%.
- Engineered Siamese networks for signature comparison, adapting to manual variations.
- Automated Video-KYC for banks like HDFC and Axis, reducing human errors.

SKILLS

Development Skills

Java, Spring, Python, Django, FastAPI, ReactJS, NextJS, Jenkins, Ruby, SQL

Cloud Skills

AWS, Docker, Kubernetes, Openshift, Terraform, ELK Stack, Jenkins

Soft Skills

Project Management, Agile Frameworks, Critical Thinking, Time Management

PROJECTS

YTChat Chat with any YouTube channel, boosting learning speed 10x.

Mars Rover Manipal A wild robotics project, ranked as Asia's best and 8th globally at URC, hosted on the MDRS station in Utah.

Vidyalitics Handwritten answer evaluator, piloted with IAS coaching centers.

EqualJustice Legal AI support demo for a client, streamlining access to justice.

Companion AI Support app for volunteers and NDIS users, enhancing care services.

Let Go Pure writing, no-take-backs note-taking app.

Eazier Bezier Bezier curve editor and exporter in vanilla JS and HTML.

Contributor @DiceDB Contributed to DiceDB, a collaborative project in software development.

EDUCATION

Bachelor of Computer Science & Engineering, Manipal University

2017 - 2021

Minor in Business Studies — CGPA: 9.3/10

LEADERSHIP

- Leading infrastructure and DevOps at TPSCRM, acting as scrum master, and a Code Reviewer ensuring code quality.
- AI Lead for Mars Rover Manipal at URC 2019, developing traversal and vision algorithms. [\[See on YouTube\]](#)