

# Hrugved Pawar

Milpitas, CA | (669) 281 - 6679 | [pawar.hrugved@gmail.com](mailto:pawar.hrugved@gmail.com) | [iamhrugved.tech](http://iamhrugved.tech) | [linkedin.com/in/hrugvedpawar](https://linkedin.com/in/hrugvedpawar)

## EDUCATION

**Master of Science in Software Engineering** | Enterprise Software Technologies

May 2023

San Jose State University, San Jose, CA

### Relevant Coursework:

Data Structures and Algorithms using C++, Database Systems, Enterprise Software Platforms, Software Systems Engineering

**Bachelor of Engineering**

Jun 2018

Savitribai Phule Pune University (SPPU), Pune, India

## SKILLS

**Languages:** Python, C++, C#, Java, PHP, JavaScript, TypeScript, HTML5

**Database Technologies:** MongoDB, SQL (MSSQL, MYSQL, PostgreSQL, MariaDB), Google BigQuery

**Frameworks and Tools:** Node.JS, React, Material UI, GraphQL, Express.js, CSS, Kafka, Socket.IO, Redux, REST API, Angular, ASP.NET

**Other Technologies:** Agile, Scrum, DevOps, AWS, GCP, Docker, Webpack, BaBel, Jupyter, JIRA, Jenkins, Postman, Git, Maven

## PROFESSIONAL EXPERIENCE

**inLumon, United States**

Dec 2022 – Present

**Software Engineer** (Technology Stack: - Typescript, Angular, ASP.NET, C#, MySQL)

- Developed an ADA-compliant government web app for the California government. It reduced licensee application processing time by **an hour** and enabled paperless operations, streamlining the experience.
- Contributed to migrating multiple government licensing board applications from AngularJS to Angular 14. Implemented new features recognized by multiple states, resulting in the app's adoption by over **8 states**.
- Optimized MySQL queries through refactoring and creating indexes, resulting in a **30% increase** in data retrieval efficiency and a reduction in latency. This improvement enhanced the user experience by facilitating faster data retrieval and smoother UI interactions.
- Streamlined the deployment process using Jenkins, establishing a deployment pipeline. This automation led to a **25% increase** in deployment efficiency, saving time and resources.
- Improved application quality by resolving critical bugs in multiple licensing web applications increasing reliability by **30%**.

**San Jose State University, United States**

Jun 2022 – Dec - 2022

**Student Assistant (Frontend Developer)** (Technology Stack: - ReactJS, Firebase, Figma)

- Developed a smart video tool for **PII protection** in accordance with **FERPA** regulations, detecting faces via video, audio, and text, and enhancing data privacy with customized masks.
- Leveraged **Google Cloud** infrastructure for scalable and efficient video processing and data storage.
- Designed **10+** cloud functions and pub-sub methods leveraging Firebase.
- Optimized page performance by **3X** by introducing virtual scrolling and lazy loading techniques and implemented horizontal scrolling.
- Improved accessibility of a web-based application by **140%** to make it VPAT compliant and drafted the HECVAT compliance report.

**Infosys Limited, India**

Mar 2019 – Jul 2021

**Systems Engineer** (Technology Stack: - NodeJS, ReactJS, MSSQL, Selenium, Cucumber)

- Worked as a Software Development Engineer in Test, developed, tested and maintained an application for trade and finance in a test-driven environment based on ReactJS, NodeJS and MySQL.
- Migrated React application from class to functional components, instituted custom hooks reducing overall codebase by **10%**.
- Optimized complex SQL queries to improve execution efficiency by **50% - 70%**.
- Spearheaded a team of **4** for creation, execution and maintenance of test suites for automation testing to create 200+ test scripts, reducing bug reports by **15%**.
- Mentored as training facilitator for newly hired employees, providing domain Knowledge Transfer for more than **10** employees.

## PERSONAL PROJECTS

**Homestays - Hotel Booking Application** ([link](#)) – NodeJS, ReactJS, MaterialUI, MongoDB, Amazon EC2

**Uber Eats Clone** ([link](#)) – NodeJS, ReactJS, MySQL, MongoDB, Kafka, Redux, Passport.JS

**CoLearn – A Collaborative Learning Platform** ([link](#)) – NodeJS, ReactJS, MongoDB, Socket.IO

**AutoCraftNinja – Booking Management Application** ([link](#)) – ReactJS, React-query, Springboot, DynamoDB, AWS-Amplify