

# Hrugved Pawar

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## EDUCATION

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

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

- Migrate UI of a Government Licensing Application from AngularJS to Angular14 to achieve performance improvement of 200%.
- Developed 20 SQL queries for MySQL database and 13 Web APIs using ASP.NET and C# so far.
- Detect and fix UI and infra bugs, fixed over 20 broken tests and expanded web test coverage to detect previously ignored frontend service and UI interaction bugs.

### Copal.AI, United States

**Jun 2022 – Dec - 2022**

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

- Conceptualized and administered frontend development of a web-based video editing tool for hiding PII in accordance with FERPA regulations and to incorporate accessibility features catering to a total market cap of \$500M+.
- Visualized video data to enable users to hide faces and mute/anonymize voices by selecting custom masks on video player.
- Designed 10+ cloud functions and pub-sub methods leveraging Firebase.
- Optimized page performance by 3X by introducing virtual scrolling and lazy loading.
- 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.
- Awarded as top performer in training program at global education center Infosys, Mysore.

## PROJECTS

**Hotel Booking Application, SJSU** ( [github.com/iamhrugved/Hotel-Booking](https://github.com/iamhrugved/Hotel-Booking) )

**Feb 2022 – May 2022**

- Built an end-to-end application for hotel booking using Node.JS, Express.JS and MongoDB for backend and ReactJS, CSS for frontend.
- Introduced variable pricing based on seasons and public holidays employing design patterns, deployed application on Amazon EC2.

**Uber Eats Clone, SJSU** ( [github.com/iamhrugved/UberEats-Clone](https://github.com/iamhrugved/UberEats-Clone) )

**Sept 2021 – Dec 2021**

- Created a prototype of Uber Eats using NodeJS, ReactJS, ExpressJS, MySQL and hosted application on Amazon EC2.
- Migrated database from MySQL to MongoDB and implemented Kafka for middleware and Passport.JS for authentication.
- Implemented searching and sorting functionalities and Maintained application states using Redux Store.