KHUSHI PATEL

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EDUCATION

Master of Science in Software Engineering (San Jose State University, CA, USA)   GPA – 3.7 / 4.0 **|** May 2026
Coursework**:** Software Systems Engineering, Enterprise Software Platforms, Web UI Design, Data Mining, Machine Learning, Deep Learning, Software Engineering Processes.

Bachelor of Engineering in Computer Engineering (L.J. Institute of Eng. & Technology, GJ, India)   GPA – 4.0 / 4.0 | May 2023
Coursework: C, Python, Data Structures & Algorithms, DBMS, Machine Learning, Artificial Intelligence, Web Programming, Information Security, Computer Networks, Android, Theory of Computation.

SKILLS

Programming Languages: Python, JavaScript (ES6+), TypeScript, C, Java, PHP
Frontend: React.js, Next.js, HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap, jQuery, OWL
Backend & APIs: Node.js, REST APIs
Database Management: PostgreSQL, MySQL, SQL, MongoDB
Testing & DevOps: Jest, QUnit, Pytest, unit testing, integration testing, Hoot, CI/CD, AWS, Docker, Kubernetes
Tools & Collaboration: GitHub, Bitbucket, Jira, Asana, Slack, Postman, Agile, Scrum, Microsoft Office, Google Workspace

WORK EXPERIENCE

Software Engineer Intern | Rooteam (Brooklyn, NY, US)   May 2025 - Aug 2025

- Fixed a long-standing checkout flow **race condition** causing incorrect pricing, totals, and quantities, directly impacting customer trust.
- Reworked **frontend lifecycle** and **DOM state handling** so calculations ran only after UI stabilization, reducing user-facing errors and complaints.
- Refactored a complex product configuration workflow to handle edge cases including double-clicks, resizes, and slow network conditions.
- Designed and built a **backend cron-based scheduling system** with retries, readiness checks, and job locking to stabilize failing, concurrent **data import pipelines.**
- Reduced recurring production sync-errors by restructuring **third-party API integration** flows for **Asana** and **Harvest connectors** to support subtasks, custom fields, and aligned billing and timesheet tracking.
- Conducted technical **code reviews** with critical testing, and **introduced** commit/coding **standards**, raising code quality and improving collaboration across distributed teams in the **U.S.** and **India.**

Software Developer | Odoo IN Pvt. Ltd (Gandhinagar, GJ, India)   Jan 2023 - Jul 2024

- Shipped **30+** features for **Odoo Spreadsheet** (**Google Sheets** and **Excel**-like web-app) used by **15M+ users,** improving data visualization and manipulation through **Agile** sprints.
- Developed **end-to-end** modules and extended features across Odoo's marketing apps (such as **CRM, SMS, Documents, Events, Mail, Social**) in a shared production codebase with **CI/CD pipelines,** collaborating with **cross-functional** teams across **India** and **Belgium** to deliver features under **tight sprint deadlines.**
- Debugged and resolved complex **full-stack issues** across frontend, backend, and PostgreSQL layers, handling upgrade bugs, performance bottlenecks, and stability defects.
- Improved Documents module performance by **~20%** through **performance analysis, code optimization, and refactoring.**
- Contributed to feature design discussions and **version upgrade migrations** within Odoo's modular **ERP architecture.**

ReactJS Intern | Elsner Technologies Pvt. Ltd (Ahmedabad, GJ, India)   Jun 2022 - Jul 2022

- Built two React applications **(TrackEx and Food-Genie)** with **REST API integration,** implementing core UI flows using **React components, JavaScript (ES6), hooks, routing, state management, and JSX.**

PROJECT EXPERIENCE

Restaurant Finder - Full-Stack Web Application   Sept 2024 - Dec 2024

- Built a **Yelp-like restaurant discovery platform** with search, reviews, ratings, business dashboards, and admin tools.
- Implemented a **React frontend** with **Google Maps API integration** for location-based search and filtering, along with a **Node.js + MongoDB backend** with secure role-based access for users, business owners, and administrators.
- Deployed it on **AWS** using **ECS** with **load balancing, auto-scaling, and S3**, and designed modular **REST APIs** for **scalability** and **maintainability.**