

# YASH INANI

717 Alvarado Avenue, Davis, CA, 95616

☎ 530-953-3853

✉ [yinani@ucdavis.edu](mailto:yinani@ucdavis.edu)

🌐 [linkedin.com/in/yash-inani](https://www.linkedin.com/in/yash-inani)

🐙 [github.com/yinani24](https://github.com/yinani24)

## Technical Skills

---

**Languages:** JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Golang, Python, C, C++, SQL

**Technologies/Frameworks:** NextJs, React, NodeJs, ExpressJs, React Native, Linux, Git, Dockers, AWS (DynamoDB), MySQL, PostgreSQL, MongoDB, Jest

**Python Libraries:** Scikit-learn, Pandas, Pytorch, HuggingFace, NLTK, Transformers

## Experience

---

### Kolign

Apr 2024 – Present

*Software Engineer*

*Remote*

- Restructured the backend infrastructure, enabling the modification of immutable Prisma models and migration of previous data allowing creation of custom values
- Spearheaded the development of the new website using NextJS and HubSpot API, facilitating seamless onboarding of 100+ leads on the waitlist
- Engineered a custom property management page using Radix UI, Prisma, and MySQL, enabling customers to personalize their task management experience and manage properties of over \$200 million
- Integrated a Gantt Chart, allowing customers to manage tasks, add subtasks to current tasks, and show dependency connection between tasks, enhancing project management capabilities

### University of California, Davis

May 2023 – Present

*Research Assistant*

*Davis, CA*

- Developed python scripts to evaluate and finetune BERT and DistilBERT models against industry benchmarks, achieving 90% accuracy using multiple choice symbol binding methodology
- Analyzed the results using Bag-of-Words techniques to identify prompts that enhanced model performance by 20%
- Presented research findings to 200+ attendees at the URCSA conference hosted by UC Davis

### TruckPedia

Sep 2023 – Dec 2023

*React Native Developer*

*Davis, CA*

- Collaborated with an 8-member cross-functional agile team to build a React Native application for a logistics company
- Engineered a responsive and interactive dashboard utilizing chart and carousel libraries to help visualize core business KPIs saving 2 hours per week of business time
- Designed a tracking interface, enabling users to monitor delivery details and instructions for enhanced delivery experience

## Projects

---

**Webtools for Alumni** | *Node, Express, MongoDB, Next, Jest, Cypress*

Jan 2024 – May 2024

- Collaborated in a 4-person team to develop an Alumni Tracker web application for the College of Engineering department, aimed at scraping alumni profiles from LinkedIn and efficiently tracking their profile updates
- Implemented a robust web scraper component to extract alumni profile data from LinkedIn, and conducted thorough testing using Jest to ensure its reliability and accuracy

**Simulation** | *React, Fiber, Gorm, MongoDB, PostgreSQL, Typescript, GraphQL*

Jul 2023 – Aug 2023

- Developed a cryptocurrency exchange platform simulation in React and Golang, allowing multiple simulated environments with their own individual currencies and a user authentication system
- Engineered a high-performance backend in Golang utilizing the Fiber framework and GraphQL for efficient data retrieval and "Proof of Work" analysis of blocks, using PostgreSQL for user data storage and MongoDB for blockchain data management

**Synthia AI** | *React, Flask, OpenAI GPT-4, Javascript*

Jun 2023

- Collaborated in a 4-person team to develop an AI-driven interview simulator using React, Flask, OpenAI API, and Hume AI API
- Engineered a real-time speech-to-text and body language analyzer by seamlessly integrating OpenAI API and Hume AI API, providing comprehensive analysis of body language and responses to enhance interviewee performance assistance

## Leadership / Extracurricular

---

### Google Developer Student Club at UC Davis

Aug 2023 – Dec 2023

*Vice President of Operations*

*University of California, Davis*

- Orchestrated the overall operations of 120+ cohort members across three domains, leading a team of 6 individuals
- Organized and executed 20+ events in a single quarter, with attendance averaging 80+ students in each event

## Education

---

### University of California, Davis

Sep 2020 – Jun 2024

*Bachelor of Science in Computer Science*

*GPA: 3.86/4*