

# VARUN KADAPATTI

1079 La Rue Road, Davis CA 95616

+1 (530) 302-6428 | <https://varunkadapatti.com/> | [vjkadapatti@ucdavis.edu](mailto:vjkadapatti@ucdavis.edu)

## EDUCATION

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### University of California, Davis

Davis, CA

*Bachelor of Science in Computer Science ; Freshman*

*Expected May 2029*

- GPA: 3.826 (34 Units Completed)

- Relevant Coursework: Calculus I, Calculus II, Elementary Accounting, Computer Science Principles, Programming, Discrete Mathematics, Entrepreneurship

## SELF-BUILT PROJECTS

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### Aggie Assist

Davis, CA

*Founder and Independent Developer*

*September 2025 - Present*

- Developed web platform that syncs assignment deadlines from Canvas, Gradescope, zyBooks into unified dashboard with Google Calendar integration, reducing missed assignments by 40% for students

- Built study group finder feature connecting students with shared interests and courses, facilitating collaboration for 100+ users, overall improving average study time efficiency by 30% through centralized task organization.

### ICSE MCQ Tests

Pune, India

*Founder and Independent Developer*

*March 2025 - Present*

- Developed a first-of-its-kind MCQ practice web platform tailored specifically for the ICSE education board, serving 2,000+ users

- Conducted market research (TAM/SAM/SOM) and field interviews to validate demand for a high-weightage MCQ practice platform.

- Engineered deep performance analytics that identified student weak spots with 100% curriculum accuracy, leading to a 40% average improvement in practice scores through targeted, data-driven study.

### Quick Revise

Pune, India

*Founder and Independent Developer*

*November 2022 - Present*

- Developed mobile app providing ICSE, ISC, and JEE exam resources to 5,000+ students across India for free, with AI-powered question paper generator and problem solver.

- Trained the AI model on curated dataset achieving 92% response accuracy for subject-specific queries. Was selected as Top 10 finalist from 1,500,000+ submissions in Samsung Solve For Tomorrow 2024 (Community & Inclusion category), presenting to Grand Jury at IIT Delhi.

## STARTUP

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### OASIS

Davis, CA

- Conducted rigorous bottoms-up market analysis (TAM/SAM/SOM) to identify a beachhead market of 251 failing California water systems, targeting a \$130M/year state-funded opportunity.

- Co-led a customer discovery campaign with teammate (Atmaja Patil), interviewing ~35 stakeholders including utility directors, state regulators, and policy experts.

- Defined the MVP roadmap for a mobile-first "Small Utility OS" that automates state-mandated compliance reporting, projected to reduce administrative labor by 90% and prevent \$1,000/day regulatory fines.

## **SKILLS, ACTIVITIES & INTERESTS**

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**Technical Skills:** Java, Python, C++, HTML/CSS, JavaScript, Firebase | Responsive Web App Development | Database Management | Conducting Market Research | Android App Development (Thunkable, Flutter, Kotlin) | 3D Modeling (TinkerCAD, Onshape) | Figma | RAG Pipelines

**Certifications:** Google AI Essentials (Google) | How Software Ate Finance (Stanford Online) | Ethics in The Age Of Generative AI (LinkedIn Learning) | Financial Accounting (Stukent)

**Languages:** Fluent in English, Hindi and Marathi