

# Pravan Gorthy

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## EDUCATION

**University of Texas at Dallas**

Richardson, TX

*Bachelor of Science in Computer Science*

*May 2028*

## TECHNICAL SKILLS

**Languages/Frameworks:** Java, Python, C/C++, HTML/CSS, JavaScript, SQL, React.js, Node.js, Flask

**Developer Tools:** Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Eclipse

**Certifications:** Office 365 Certified, Java Certified, C++ Certified, Google Cybersecurity Certified

## EXPERIENCE

**Chinchilla AI**

July 2025 – August 2025

*Software Engineering Intern*

*Remote*

- Developed and deployed 5+ production-grade FastAPI endpoints powering real-time AI features, cutting backend latency by 35% and enabling smoother user experiences across the platform.
- Collaborated in an agile team of 12 engineers to deliver an AI platform that passed 100% of CI/CD integration tests, ensuring stable feature rollouts and zero post-deployment hotfixes.
- Integrated Claude API into backend workflows for code generation, boosting new feature delivery speed by over 40% and reducing manual implementation time significantly.

**HSK Technologies INC.**

June 2023 – March 2024

*Software Engineering Intern*

*Newark, NJ*

- Integrated 15+ third-party APIs and multiple CSV pipelines to enhance analytics infrastructure for internal dashboards, allowing cross-team data visibility and faster business insights.
- Delivered 50+ Python-based data automation scripts for operations and marketing teams, improving task turnaround time by 25% and reducing repetitive manual work.
- Built reusable ETL pipelines with automated validation checks, enabling reliable, error-free reporting and better decision-making for executives.

**ICode**

June 2023 – October 2023

*Code Instructor*

*Leander, TX*

- Taught 10+ students Python, JavaScript, and web/game development, increasing average coding accuracy by 25% and fostering stronger problem-solving skills.
- Designed hands-on mini-projects and live demos to boost student engagement, helping learners apply abstract programming concepts to real-world applications.
- Maintained a 100% curriculum completion rate through weekly mentorship, progress tracking, and tailored feedback sessions.

## PROJECTS

**CoachMe** | *Python, Flask, React, Git*

April 2025 – Present

- Built a mentorship platform with scheduling, chat, and geolocation to connect coaches and athletes.
- Led frontend development with React, improving UI speed and responsiveness, boosting engagement by 40%.

**BudgetCents** | *Python, Flask, React, Stripe, Git*

November 2024

- Created a financial app with Chart.js dashboards and Stripe integration, processing \$4K+ in dues.
- Built analytics tools to visualize \$7K+ budget data, improving transparency for 100+ members.

**Poseperfect.ai** | *PyQt5, Flask, MediaPipe, OpenCV, NumPy, pyttsx3*

August 2025

- Developed a desktop app to analyze bodybuilding poses by comparing webcam input to reference images.
- Added voice-guided corrections and visual overlays using MediaPipe Pose and OpenCV, improving pose accuracy by 30%.

## ACHIEVEMENTS & INTERESTS

**Hackathon:** 1st place at HackFin for BudgetCents, awarded \$400 for innovation and execution.

**BPA:** Top 10 National Finalist in stock/business simulation events through BPA.

**Interests:** Cybersecurity, Machine Learning, Fitness, Taekwondo, Entrepreneurship, Soccer, Gaming, Photography