ISHAANI JAIN

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TECHNICAL EXPERIENCE

Software Development Intern - GoFlyy | Februrary 2026 – Present
- Selected through rigorous application process (**3 accepted from 70 applicants,** ~4% acceptance rate) requiring NDA, written application, and technical interview
- Collaborating with GoFlyyxAI@UCI, a professional delivery service, to build AI-powered backend systems for clothing condition assessment
- Developing scoring and routing logic to process computer vision model outputs and determine item destinations based on damage severity

Stealth Mode Startup - Founding Engineer | September 2025 – Present
- Building Document Genie, an intelligent document processing system for aviation compliance, in collaboration with the founder
- Developed an extraction pipeline achieving **94% accuracy** on pilot certifications, aircraft maintenance logs, and license expiration dates, enabling automated compliance alerts
- Architected a scalable multi-tenant platform using AWS CDK, Lambda, S3, DynamoDB, and API Gateway, processing **500+ documents with sub-3-second extraction time**
- Integrated AWS Bedrock with Claude Sonnet for AI-powered document parsing and structured data extraction
- Implementing role-based authorization using AWS Cognito, enabling managers to oversee subordinate document compliance
- Secured **2 international aviation clients** (Middle East and India) for pilot program deployment
- Wrote comprehensive unit and integration tests using Jest, maintaining **90%+ code coverage**

SPAR AI Safety Undergrad Research Fellow - UCI| January 2026 – Present
- Selected for **competitive** 8-week AI safety research fellowship focused on alignment research
- Conducting weekly paper discussions and collaborative research sessions on AI evaluation methodologies

C2S Technologies Inc. - Software Engineering Intern (Team Lead) | July 2025 – September 2025
- Won internal pitch competition (**1st place out of 11 teams**), securing **$10K in funding** from CEO and founders
- **Led & worked with a team of 3 engineers** through end-to-end development of a startup matchmaking platform enabling investors to discover pitches, make micro-investments, and participate in crowdfunding
- Built full-stack application using Next.js, Firebase, MongoDB, and Vercel AI; developed mobile app using React Native and Expo
- Implemented AI-powered features using Vercel AI to summarize startup pitches and match investors with relevant opportunities

PROJECTS

Calendar AI | *Python, Claude API, Google Calendar API, React*
- Built an AI-powered scheduling assistant that automates calendar management through natural language input
- Scheduled **1,000+** events across **5 beta users** with **80%** conflict-detection accuracy
- Integrates with Google Calendar to read existing events, identify conflicts, and find optimal time slots automatically
- Parses natural language requests like "study for 2 hours" or "gym sometime today" and syncs changes directly to calendar

EDUCATION

University of California, Irvine — B.S. in **Computer Science** and **Physics**
Expected Graduation: 2028 | Started: 2025
Organizations: UROP Research Fellow, Hack@UCI, AI@UCI, ICSSC
Additional: Machine Learning Specialization (Andrew Ng), Web Development - Coursera
Relevant Coursework: C++, Java, Data Structures, Discrete Mathematics, Informatics, Multi-variable Calculus, Mechanics

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML, CSS, C++, Java Frameworks & Libraries: Next.js, React

Native, Expo *Cloud & Infrastructure:* AWS (CDK, Lambda, S3, DynamoDB, API Gateway, Cognito, Bedrock),

Firebase, Vercel AI *Databases*: MongoDB, DynamoDB

AI/ML: AWS Bedrock, Claude Sonnet, Vercel AI, TensorFlow, PyTorch, NumPy Tools: Git, Jest

LEADERSHIP

Petty Officer Second Class — U.S. Naval Sea Cadet Corps | September 2021 – June 2025

One of three statewide to reach rank; supervised 350+ cadets; awarded VFW Naval Sea Cadet Medal for outstanding leadership