Aditya Kumar

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EDUCATION

University of Washington   **Seattle, Washington**

B.S. in Computer Science (Direct Admit)   *Expected June 2028*

- **Cumulative GPA: 3.87**, Dean's List (All Quarters)
- **Related Coursework:** Data Structures & Algorithms, Artificial Intelligence, Software Design & Implementation, Foundations of Computing I-II, Computer Programming I-III, Hardware/Software Interface, Calculus I-III, Linear Algebra

SKILLS

Programming: Java, Python, JavaScript, TypeScript, Swift, SQL, C, HTML/CSS, MATLAB

Tools: React Native, React, Node.js, Express, WebSocket, PyTorch, Azure Open AI, AWS Bedrock, AWS Lambda, DynamoDB, API Gateway, Firebase, Zustand, Xcode, Tableau, Scikit-learn, Pandas, NumPy, Power BI, Volt MX Iris

EXPERIENCE

AI Vision Technologies (Finderly) - Austin, Texas (Remote) | *AI Software Engineer Intern*   *Oct 2025 - Present*

- Developing AI DIY home-repair app with **5,000+ downloads** and rapidly growing user base
- Building **real-time conversational AI assistant** (Whisper + GPT + TTS) for hands-free repair guidance
- Contributing to **Expo React Native** codebase with **context-aware AI + speech pipelines**

OuraNote - Remote | *Co-founder & AI Software Engineer*   *Feb 2025 - Present*

- Built a mental-health journaling web app reaching **100+ visits and 30 active users** at [MVP](MVP) stage
- Engineered full-stack platform using **React, TypeScript, Firebase, AES encryption** with **AI-powered sentiment analysis dashboards** for real-time emotional insights
- Implemented **voice-based AI therapist** using **Whisper + GPT-4o-mini (LLM) + TTS** with conversational memory
- Built **React Native mobile app** for App Store launch (cross-platform parity with web app)

MpiloTech - Johannesburg, South Africa| *Software Development Intern*   *Jul 2025 - Sep 2025*

- Improved backend services for **Best Buy-style e-commerce mobile app** serving **1,000+ active users**
- Optimized **REST API & caching**, reducing load times by **40%+**

WITS University BIS - Johannesburg, South Africa| *Data Engineering Intern*   *Jun 2025 - Jul 2025*

- Delivered dashboards analyzing **200K+** course records, enabling faculty to support **50+** students flagged for dropout
- Built **AWS Glue ETL pipelines** and fact/dimension tables, integrating results into **Power BI dashboards**
- Applied **SQL, Python, and ML modeling** to detect anomalies in fees, grades, and dropout trends

PROJECTS

Seekr - *AI Research & Career Agent (DubHacks 2025)*

- Built an AI agent that matches UW students to research labs and auto-drafts personalized outreach emails using **AWS Bedrock (Claude-3), Lambda, and DynamoDB**. Architected full autonomous pipeline + **React + TS**

DubsTech Health ML Hackathon - *ML Prediction Model*

- Predicted hospital discharge costs using 1.8M+ NY SPARCS records, ranking **4th** internationally
- Built 93.4% CatBoost ML model **(Python, Pandas, NumPy, Matplotlib)** and visualized results in **Tableau**

LITSWAP & Rainbow Nation Animals - *NGO Websites*

- Built Google Sites & WordPress platforms enabling **3,300+ book donations** and **1,200+ animal rescues**

LEADERSHIP

McKinsey & Co - *Forward Program Learner* | Selected for global leadership & AI innovation program

Startup Club at UW - *Director of Events* | Launched official website & ran pitch events with **50+ participants**

Barbell Club at UW - *Officer* | Organized **10 events** & **25 talks**, promoting fitness for **100+ students**