

Akash Bagchi

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SUMMARY

MS Computer Science student with 2+ years of experience in full-stack development, user experience design, and microservices deployed in the cloud, seeking internship opportunities in summer 2026.

EDUCATION

M.S. Computer Science

Ongoing

Arizona State University, Tempe, AZ

Relevant Coursework: Mobile Computing, Information Assurance and Security, Multimedia and Web Databases

B.Tech. Computer Science

May 2021

Dayananda Sagar University, Bangalore, India

8.73 CGPA

TECHNICAL SKILLS AND CERTIFICATIONS

Programming Languages: TypeScript, JavaScript, Swift, Kotlin, Python, C/C++, PHP, C#

Front-End: HTML, CSS, Vue.js, React.js, Bootstrap, Element-Plus, NextJS, Flask

Tools, Databases, and OS: Node.js, PostgreSQL, MongoDB, TensorFlow, Git, GitHub/GitLab, Windows, MacOS, Linux/Unix

PROFESSIONAL EXPERIENCE

Apex CoVantage, Remote: Prompt Engineer Consultant

Jun 2025 – Aug 2025

Responsible for revamping 5000+ rubrics in a benchmark set evaluating LLM performance for a leading AI research lab.

- Led and trained a team of 20+ prompt engineers, ensuring 100% quality and deadline adherence over 3 months.

LaKeel Inc, Tokyo, Japan: Product Development Engineer

Dec 2023 – May 2025

- Responsible for core development and feature expansion of LaKeel's industry-leading low-code visual development platform in **TypeScript** and **Vue**
- Pioneered LaKeel's first Design System as a core **UI/UX** engineer in the UX Task Team.
- Led development of re-usable UI Components comprising 10% of the available component suite.
- Spearheaded development of employee leave management chatbot API in **NestJS**, used by up-to 500 employees every week.

Elektrobit, Bangalore, India: UEX Intern

Jan 2022 – Apr 2022

- Led the solo development of a **QML** parser in **Python**, reducing static analysis time of HMI code by up-to 30%.
- Collaborated with an international team of automotive software engineers in an Agile environment.

PROJECTS

[Personal Website](#) (Web Application), *Personal Project*

- Developed a sleek, performant developer portfolio in Vue.js built with server-side rendering for optimal performance while maintaining rich client-side interactivity.

[Accessible Video Game for Children with an ASD](#), *Undergraduate Final-Year Project*

Spring 2023

- Built a Unity3D computer game application built with accessibility for children with autism spectrum disorders in mind.

Mental Health Assistant Chatbot, *3rd Year Undergraduation Project*

Summer 2020

- Implemented a chatbot using Machine Learning with TensorFlow and NLTK.
- Achieved a 85% response accuracy through effective data pre-processing and model tuning.

ACTIVITIES

AI Scholars — ASU, Tempe, AZ

Aug 2025 – present

- Member of the AI Scholars at ASU — involved in development of innovative AI projects, research, and skill-building.

International Students and Scholars Center — ASU, Tempe, AZ

Aug 2025 – present

- Volunteer — Assisting in photography, co-ordination, and managerial work at technical & cultural ISSC events at ASU.

Ground Animal Welfare — Bangalore, India

Jun 2025 – Aug 2025

- Volunteer — Assisted in photography, videography, and organization of outreach events at local institutions.

Student Mentor/Grader — Dayananda Sagar University, Bangalore, India

Jan 2021 – Jun 2021

- Mentored 100+ peers and juniors in the 'Special Topics: Fundamentals of C' programming course, assisted in delivering online lectures, grading quizzes, and answering student questions.