

# Aryan Verma

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## Education

**Indian Institute of Technology Guwahati, India & Universidad Carlos III de Madrid, Madrid**  
Bachelors in Computer Science & Engineering

Dec 2025

## Experience

### Software Engineer Intern | Studio 9+:

June 2024 – Aug 2024

- Built an AI MERN stack tutor application for Coursera courses and increased student learning by 50%.
- Developed a robust backend system using Node.js and Express, ensuring high performance and scalability for handling thousands of concurrent users.

### OpenSearch Program Contributor | Amazon Web Services & OpenSearch:

Sept 2023 – Dec 2023

- Chosen from the top 4% of applicants for the AWS OpenSearch Open Source Contributor Initiative 2023.
- Worked with Amazon's senior software engineers on the OpenSearch project, serving millions of users.

### President | Google Developer Student Clubs:

Aug 2023 – April 2024

- Organized meaningful workshops and collaborative info sessions, all of which had a special focus on inclusivity.
- Hosted special events focussing exclusively on entrepreneurship, startups and open source technologies.
- Collaborated with a team of engineers dedicated to making an impact in the emerging student tech community.

### Software Engineer Intern | Fintract Global:

Jan 2023 – April 2023

- Developed Django & Flask-based RESTful APIs for critical functions, like bank transfers & currency conversion.
- Optimized and transformed existing APIs, exponentially boosting their efficiency and performance.
- Integrated MongoDB database to provide an effective database management system.

### Junior Software Engineer | Star UC3M:

Oct 2022 – May 2023

- Developed the initial functionality of software for projects carried out by our aviation team, using C and C++.
- Skillfully detected and fixed minor bugs in software, completing tasks within deadline-dependent situations.
- Collaborated with a total of 11+ members of the organization simultaneously to work on various projects.

### Junior Web Developer | Versha Imaging & Diagnostics:

Jun 2020 – Aug 2020

- Created a complete web platform for an esteemed medical organization to help them take their services online.
- Worked with designers to elevate platform UI/UX, driving a remarkable 20% increase in customer engagement.

## Self-Motivated Projects

### TypeFlex | Startup (JavaScript, HTML, CSS, GitHub)

- Developed a complete browser extension for enhanced productivity of the user via integrated text replacement.
- Elevated user productivity (private beta release) by an average of 30%, significantly enhancing their efficiency.
- Made it Open Source, inviting interested developers to amplify software capabilities, such as AI integration.

### KYC API | Open Source Web API (Python, Flask, OpenCV, GitHub)

- Created an Open Source REST API for seamless user information and passport verification with 90% accuracy.
- Integrated the OpenCV library to implement the crucial functionality of retrieving data from the user's document.

## Certifications & Awards

- Google:** Google AI Essentials certification acquired essential AI skills from experts at Google.
- JPMorgan Chase Co:** Software Engineering virtual Internship Program. (Git, Python, Open Source).
- Lyft :** Back-End Engineering virtual Internship Program. (Python, Software Architecture, TDD).
- Fintract Global:** 'Gold Star' Employee status as a result of my high level of contribution (Top 3 Employee).

## Skills

- Technical Skills: Python, JavaScript, React, NodeJS, Tailwind CSS, Django, Flask, HTML, CSS, C, C++, R, OpenCV, MongoDB, MySQL, Express, NodeJS, AWS, GitHub, Linux, Git Bash, Open Source.
- Soft Skills: Agile, Leadership, Collaboration, Teamwork, Public Speaking, Problem-Solving, Analytical Thinking, Effective Communication, Entrepreneurship, Adaptability, Time Management.