

Adhyyan Kumar

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Education

- **University of Maryland, College Park** *Aug 2024-2027*
Bachelor of Science in Computer Science and Mathematics
Relevant Coursework: Object-Oriented Programming II, Computer Systems, Data Structures & Algorithms, Linear Algebra

Experience

- **Triton Software** *IT Software Intern | June - August 2023*
On-Site
 - Developed front-end UI components using JavaScript/HTML, improving the interface of the application
 - Integrated Excel sheet conversion to database storage in Microsoft SQL Server
 - Implemented login and sign-up page with storage of login information in a secure SQL Database
- **Adobe Inc.** *Work Experience Program | September - December 2023*
Remote
 - Worked with the newly integrated generative AI in Adobe Express
 - Created social poster using only generative AI without human intervention
 - Learned how to effectively communicate with AI for implementation onto a project
- **Video Editor** *Dr. Sonu Singh (110K+ YouTube Subscribers) | February 2024 - Present*
Hybrid
 - Edited over 100+ videos using Adobe Premiere Pro, optimizing for viewer engagement and retention
 - Created custom animations, transitions, and motion graphics to enhance video storytelling
 - Managed upload schedule, video SEO (thumbnails, titles, descriptions), and basic analytics

Projects

- **AI Blood Bank Prediction** *Python, TensorFlow*
2023 | github.com/AdhyyanKumar/BloodBankPrediction
 - Worked on an AI development project under Intel AI For Youth Program
 - Developed Linear Regression model achieving 95% prediction accuracy for blood bank supply requirements
 - Used data from government resources to predict the blood bank supply requirement for India per month for any year
- **LaunchMate – AI Startup Assistant** *TypeScript, Gemini API, MongoDB, Vercel*
2025 | launchmate.tech
 - Co-developed an AI-powered platform that guides early-stage founders through startup creation with personalized insights and structured roadmaps
 - Integrated Google Gemini API to deliver dynamic features including an AI assistant, pitch generator, and live market analysis tools
 - Engineered full-stack functionality with TypeScript and MongoDB; deployed via Vercel for scalable, real-time access
 - Led collaboration across a multi-member team, coordinating design, architecture, and live demo presentations for stakeholders

Technical Skills

- **Languages:** Python, Java, JavaScript, SQL, C#, C/C++, HTML/CSS, Typescript
- **Frameworks:** React, Node.js, Flask
- **Tools:** Unity, Blender, Git, Docker, MySQL, Firebase, Autodesk Fusion, Microsoft SQL Server, Adobe Premiere Pro, Adobe Photoshop