

Adhyyan Kumar

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Education

- **University of Maryland, College Park** *Aug 2024–2027*
B.S. Computer Science and Mathematics
Relevant Coursework: Data Structures & Algorithms, Organization of Programming Languages, Computer Systems, Probability Theory, Statistics, Linear Algebra

Experience

- **Triton Software** *IT Software Intern | Jun–Aug 2023*
On-Site
 - Built front-end UI components using JavaScript/HTML
 - Converted Excel workflows into Microsoft SQL Server database storage
 - Implemented login/sign-up system connected to secure SQL database
- **Adobe Inc.** *Work Experience Program | Sep–Dec 2023*
Remote
 - Worked with generative AI tools in Adobe Express
 - Created social media poster using only generative AI
 - Applied prompt engineering for project implementation
- **Video Editor** *Dr. Sonu Singh (110K+ YouTube Subscribers) | Feb 2024–Present*
Hybrid
 - Edited 100+ videos using Adobe Premiere Pro optimizing engagement
 - Created custom animations, transitions, and motion graphics
 - Managed upload schedule, SEO, thumbnails, titles, and analytics

Projects

- 🏆 **Deed Lock Holmes — Best Use of Solana (HenHacks)** *Solana, TypeScript, Web3*
2025 | deed-lock-holmes.vercel.app
 - Built blockchain platform for tamper-proof property deed verification
 - Implemented Solana smart contracts to prevent ownership fraud
 - Awarded **Best Use of Solana** at HenHacks
- **AI Blood Bank Prediction** *Python, TensorFlow*
2023 | github.com/AdhyyanKumar/Blood_Bank_Prediction
 - Developed linear regression model achieving 95% prediction accuracy
 - Used government datasets to forecast blood supply demand
- **LaunchMate – AI Startup Assistant** *TypeScript, Gemini API, MongoDB*
2025 | launchmate.vercel.app
 - Built AI platform guiding founders through startup creation workflows
 - Integrated Gemini API for pitch generation and market analysis
 - Implemented full-stack architecture with TypeScript and MongoDB

Technical Skills

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