

# Hanumant Jain

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Full-stack engineer skilled in building scalable web apps and DevOps automation. Experienced with React, NodeJs, and AWS infrastructure, delivering reliable CI/CD pipelines, containerized deployments, and optimized user experiences. Passionate about performance, clean architecture, and cloud-native development.

## Education

<b>George Washington University</b> <i>Master of Science, Computer Science (GPA: 3.71)</i>	<b>May 2025</b>
<b>Savitribai Phule Pune University</b> <i>Bachelor of Engineering, Computer Engineering (GPA: 3.53)</i>	<b>Aug 2022</b>

## Work Experience

<b>George Washington University</b> <i>Front-End Web Developer</i>	<b>Mar 2025 - Present</b>
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- Designed and deployed full-stack applications on AWS EC2 with AWS RDS for reliable database management and 99.999% uptime.
- Containerized applications using Docker, enabling 40% faster deployment cycles.
- Designed CI/CD pipelines with GitHub Actions, reducing release times by 50%.
- Built full-stack application with React.js, Node.js, Express.js, Postgres, and Tailwind CSS, supporting 500+ concurrent users and 20% faster load times.

## Technical Projects

### GalleryAI — Full Stack Application [\[Link\]](#)

- Built a full-stack social media app with FastAPI, React (TypeScript), and PostgreSQL, supporting 1K+ users and 10K+ image uploads.
- Deployed a serverless backend using AWS Lambda, API Gateway, IAM, and S3 presigned uploads, distributed globally via CloudFront, reducing latency by 40% and costs by 60%.
- Integrated CloudWatch for monitoring and Jenkins + AWS SAM for automated CI/CD and scalable infrastructure.

### ElphAI — B2B AI Agent Sales Website [\[Link\]](#)

- Built a responsive Next.js frontend; integrated Spline 3D characters and Framer Motion animations for smooth, GPU-accelerated interactions.
- Deployed to Vercel with preview builds and environment configs; monitored performance via Vercel Analytics/Core Web Vitals.

### Bluejay — AI and Full Stack [\[Link\]](#)

- Built an AI-driven chat app for natural language S&P 500 stock analysis.
- Developed a React frontend with real-time chat/file uploads and a FastAPI backend integrated with OpenAI APIs.
- Leveraged TiDB/MySQL with TLS for secure storage of stock and session data.

### KataBot — AI + Blockchain Agent [\[Link\]](#)

- Developed a chatbot enabling natural language interaction with DeFi/NFT assets.
- Designed a secure MPC server for NFT transfers and wallet queries without private key exposure.
- Integrated OpenSea API, real-time NFT analytics, and agentic AI decision-making via n8n orchestration.

## Technical Skills

- Programming Languages:** Python, JavaScript (ES6+), TypeScript, MySQL, HTML5, CSS3, MongoDB, PostgreSQL
- Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, FastAPI, Redux, Tailwind CSS
- DevOps/ CI-CD Tools:** Jenkins, Github Actions, Docker, AWS(EC2, S3, Lambda, RDS, IAM)
- Software & Tools:** Visual Studio, Cursor, Git, Google Colab
- Expertise:** REST APIs, Generative AI, Agentic AI, Responsive Web Design, Agile

## Certifications & Achievements

- Coursera:** *AI Agents and Agentic AI with Python & Generative AI*
- Winner** — Katana Forge Dev track, ETHGlobal ETHNewYork 2025
- Winner** — *Entrepreneur Category*, Hack PSU 2025 (MedCompass)