

Aman Mamgain

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ABOUT ME

Full-Stack Developer with a diverse background including game development and applied AI. With 10 years of dev experience.

WORK EXPERIENCE

Glip

Mar 2021 - Dec 2024

Founding Engineer

- **Electron + React + Node.js Experience:**

- Developed low-latency game capture app using OBS APIs
- Created electron app and website for NFT creation and auction from captured game moments
- Created a web based crypto wallet
- Created a web based task completion system where users would complete tasks and get crypto rewards

- **Game Development Experience (BTX):**

Multiplayer extraction shooter game in Unity

- Implemented crouch mechanics and character integration
- Developed scoreboard and vault system with loadout customization (attachments, weapons, healthpacks)
- Integrated proximity-based voice chat using Dissonance
- Implemented quick sell feature with select-all functionality working with infinite scroll, solving common infinite scroll selection limitations

- **Applied AI Experience:**

- Developed game character chatbot with:
 - * Deployed OobaBooga text generation as a backend service
 - * Integrated monetization in React-based chat interface
 - * Added voice features using tortoise-tts

Spinny

Aug 2019 - Feb 2021

Tech Lead

Primary Technologies Used: Django, React, React-Native

- Developed React Native iOS applications for client management system
- Led backend development for loan application automation workflow
- Implemented dynamic questionnaire system for user profiling and loan approval prediction

Innovaccer

SDE-2

Feb 2019 – Aug 2019

Primary Technologies Used: Django, Pyramid

- Unified multi-client patient-care coordinator system into single codebase
- Developed Elasticsearch query generator
- Containerized application for local testing, eliminating staging API dependencies

Back2Stores Technologies

Co-founder and Full-Stack Engineer

Jun 2017 – Feb 2019

Primary Technologies Used: Angular2+, Android, Django, AWS, RabbitMQ

- Scaled to 30+ enterprise clients as sole technical lead
- Developed Android e-commerce app connecting manufacturers to consumers
- Implemented order-management, BOM, inventory tracking with warehouse-specific monitoring
- Managed AWS infrastructure (EC2, RDS) and message queue system (RabbitMQ, Celery)

HT Media, Gurgaon

Senior Software Developer

Jan 2016 – Jun 2017

Software Developer

Jan 2015 – Jan 2016

Software Developer Intern

Jan 2014 – Jan 2015

Primary Technologies Used: Django, jQuery

- Optimized Application Management System for improved performance and debugging
- Developed multi-client test management system
- Implemented autosuggestion, payment integration, lead-forms, SEO, and analytics dashboards

SIDE PROJECTS AND ARTICLES

Kauri Captioner

Mar 2024

[Link](#)

- Built video subtitling tool using Whisper model (transformers.js), Canvas API for rendering, ffmpeg.wasm for audio processing

Project Tab Manager

April 2024

[Link](#)

- Chrome extension using React for project-based tab organization with Chrome Extension APIs

Small Article to understand transformer

Mar 2024

[Link](#)

- Wrote article explaining attention mechanism mathematics

EDUCATION

Bachelor of Technology

Year of Completion: 2014

Institution: Indian Institute of Information Technology, Allahabad (IIIT, Allahabad)

Department: Information Technology

CGPA: 7.9